

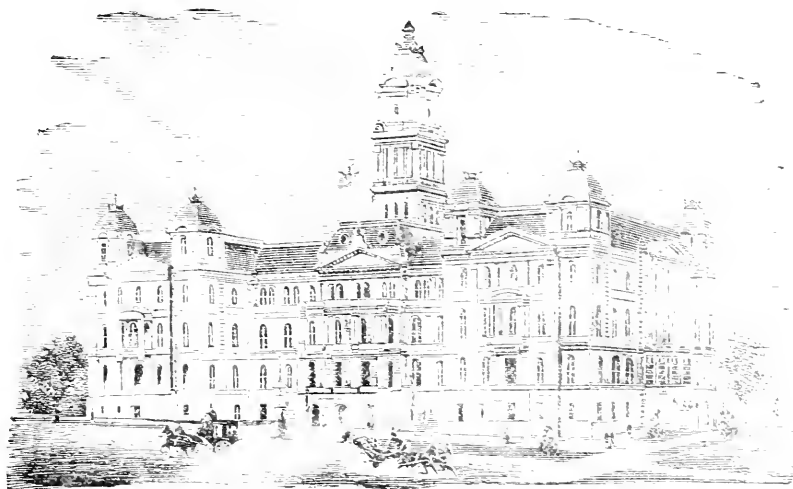
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THE

INDUSTRIES

—OF—

WHEELING.



—A— DESCRIPTIVE AND BIOGRAPHICAL

REVIEW

—OF THE—

COMMERCIAL AND MANUFACTURING ADVANCEMENTS

—OF—

Wheeling, Bellare, Ohio, Martin's Ferry, Ohio, &c.

—OF THE—

Enacted March 1st, Act of Congress, to the purpose of publishing by the Government, the proceedings of the Convention of Congress, at Wheeling, Ohio, &c.

—OF THE—

WHEELING, W. VA.

PUBLISHED BY LAND & BROWN

1879

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PUBLISHERS' NOTICE.

In placing this work in the hands of the public, the publishers feel no hesitancy in expressing the assured conviction that no volume heretofore issued, relating to Wheeling and its industries, contains so great an amount of useful, if not indispensable information.

For nearly five months a staff of reporters and writers, representing in their separate departments unusual ability, have been engaged in obtaining all the possible facts within the compass of our design, and giving them a readable and orderly construction; and every trade manufacture or mercantile enterprise has been diligently and fully described—no firm or establishment of any prominence being willingly excluded from its pages.

No special expense has been entailed upon the publishers, and no efforts have been spared to secure such excellence—so far as its mechanical production is concerned—as shall give it an attractive appearance to every reader. A careful perusal of this volume, on the part of those residing at a distance, or unfamiliar with the marvelous diversity of the resources of Wheeling, is earnestly commended as certain to excite interest, and likely to suggest experimental relations at least, and must conduce to the future profit of all parties.

In the preparation of a work of this description, much difficulty is experienced in obtaining reliable statistics, and no doubt the larger number of fault-finders are, or have who have refused to give our reporters information relative to their business through fear of tax collectors, revenue officers, or from an inexcusable stupidity or want of enterprise and business sagacity.

The acknowledged aid of the publishers are due to the City Council for the aid and cooperation extended in the task undertaken, without which the enterprise would have been a horn of no small part of the success that has attended it. To C. L. Brown, our long editor of the *Evening Leader*; Hon. Thos. Hornbrook; Captain Hiram Brown, master of the *U. S. S. Vessels* at this port; Halstead & Grubb, editors *Saturday Evening Post*; Hon. Geo. S. News-Letter; the *Daily Register*; *Deutsche Zeitung*; and Hon. J. Z. Cox, after *Post for Public* and Judge G. W. Thompson, for the valuable cooperation and highly valued assistance, the publishers also receive our most cordial assurance of appreciation; and with the belief that our labors will prove not altogether ineffectual in conducing to the general welfare of the business community, we are,

Very respectfully,

LAND & BROWN.

INDEX.

	Page
Alexander, William, Wholesale and Retail Grocer, Bridgeport, O.....	109
Albright, Henry A., Manufacturer of Tin, Copper and Sheet Iron Ware.....	113
Academy of the Visitation.....	132
Arbenz & Co., Furniture.....	126
Andes, Steamer, Wheeling, Pittsburgh and Cincinnati Packet.....	125
Boat Building in Wheeling.....	38
Berger, J. & Bro., Leather, Shoe Findings, &c.....	64
Ball, E. & Co., Boots and Shoes.....	74
Blum, L. & Bro., Dry Goods and Notions.....	74
Behrens & Co., Groceries, Produce, &c.....	86
Bulger, C. E., Tobaccoist.....	79
Baker, Lewis & Co., Publishers of Daily, Tri-Weekly and Weekly Register and Printers and Book Binders.....	85
Blond, L. V., Boots and Shoes.....	88
Baer, S. & Son, Wholesale Grocers and Flour House.....	88
Beltz & Flading, Planing Mill.....	89
Butterfield, John, Maltster and Hop Dealer.....	95
Bellaire Boiler Works, Bellaire, O.....	98
Bloch Brothers, Wholesale Grocers.....	100
Bloch Brothers, Manufacturers of Cigars and Smoking Tobacco.....	100
Brice, S. L., Druggist.....	104
Bell, Joseph & Co., Foundry.....	105
Beck & Simpson, Plumbers, &c.....	110
Beck, N. W., Brass Foundry and Machine Works.....	116
Benwood Iron Works.....	123
Booth, C. H. & Son, Produce Commission Merchants.....	130
Belmont Nail Company.....	144
Chandler & Haldeman, Iron Roofing.....	63
Cox, Dickle & Vance, Boiler Makers, &c.....	78
Central Glass Company, Tableware, Bar and Lamp Goods.....	95
Cummins & Woods, Queensware and China.....	99
Carnahan & Co., Boots and Shoes.....	111
Connally, J. H. & Son, Fire Extinguisher, Pittsburgh.....	125
Delaplain, L. S. & Co., Wholesale Dry Goods.....	58
Dwight, Chas. E., Druggist and Chemist.....	77
Duffield, P. J., 1106 Water Street.....	109
Donaldson, Lewis & Co., Carriages, Wagons, &c.....	61
Dinger, C. H., Wholesale and Retail Hats and Caps.....	97
Dilworth, W. S., Dry Goods, &c., Martin's Ferry, O.....	21
Durst & Kober, Wholesale Grocers, Produce and Commission Merchants.....	124
Dentistry, Invention, &c.....	128
Egerter, A. C. & Co., Wholesale Grocers and Commission Merchants.....	87
Excelsior Machine Shop.....	87
Ebeling & Pebler, Manufacturers of Cigars and Tobacco.....	114
Friedel, John - China, Glass, Queensware.....	88
Free & Burt, Bellaire, O.....	98
Friend & Son, Furniture, Carpets, &c.....	119
Geographical Position of Wheeling.....	21
Growth, Population, Climate and Health.....	2
Graves, Joseph, Books, Stationery, Wall Paper &c.....	82
Greer & Laing, Wholesale Hardware.....	85
Gundling, D. & Co., Star Clothing House.....	95
Gray's Iron Line.....	112
Gutman, M. & Co., Clothiers, Furnishing Goods &c.....	118
Grubb, Jacob, Jeweler and Optician.....	120

	Page.
Graham, William, Wholesale and Retail Dealer in Furniture, &c.....	137
Hornbrook's Park.....	51
Hughes, Thos. & Co., Merchant Tailors.....	59
Harper & Bro., Wholesale and Retail Hats and Caps.....	62
Howard Bros. & Co., Patent Solicitors, Architects, &c.....	76
Hanes, Wilson & Co., Planing Mill, &c.....	78
Handlan, Ratcliffe & Co., Dry Goods, Groceries and Notions.....	69
Hoffman, Fred., Furniture, Bellaire, O.....	69
Hare, Wm., Plumber, Gas and Steam Fitter.....	71
Hutchins, W. S., Artists' Materials, Pianos and Organs.....	72
Harbour & Dittman, Carpets, Oil Cloths, &c.....	81
Handlan, W. C. & Co., Pork Packers and Grocers.....	81
Hebrank & Bro., Jewelers, Watches, &c.....	84
Higgins, T. H., Photographer.....	84
Helmbright, L. H., Cigars and Tobacco.....	86
Hall, John H., Saddles, Harness, Trunks.....	90
Howell, O. H., Tin and Sheet Iron Ware, Bellaire, O.....	97
Horkheimer, S. & Co., Wines, Liquors, &c.....	99
Hesse, Geo., Boots and Shoes.....	107
Hanna & Clemens, Fulton Paper Mill.....	112
Hollinger & Perkins, O. K. Shaving Saloon.....	120
Hobbs, J. H., Brockmeyer & Co., Glass Manufacturers.....	136
Hoyle, E. J. & Bro., Threshing Machines, Martin's Ferry, O.....	122, 123
Hoble & Bro., Furniture.....	126
Johnson, Geo. W., Copper, Tin and Sheet Iron Ware.....	61
Jacobs, G. E., 99c Store.....	62
Jones & Bro., Copper, Tin and Sheet Iron Ware.....	100
Knute & Hutchisson, Saddler's Hardware.....	91
Kress, Kilian, Brewer.....	107
Kennedy, P., Dry Goods.....	133
Kerr J. & Co., Star Planing Mill, Martin's Ferry, O.....	121
Kelley, Geo. W., Physician and Surgeon.....	138
Kelley & Roberts, Druggists and Pharmacutists.....	142
Long, Conrad, Tin, Copper and Sheet Iron Ware, Martin's Ferry, O.....	90
Logan, List & Co., Druggists and Baking Powder.....	92
Lewis & Clemens, Metropolitan Shaving Saloon.....	106
Loos, Hugo L., Cigars and Tobacco.....	111
Larkin, E., Dry Goods and Notions.....	113
List, D. C., Pork Packer and Manf'r of Sugar Cured Meats.....	113
Laughlin Bros & Co., Wholesale Druggists.....	116
Lash, Jno. A., Watches, Clocks and Jewelry.....	120
Lucas, C. Y., Music Store.....	129
Luke, Robert, Livery and Sale Stables.....	112
Manufacturing Advantages.....	44
Muhn & Brandfass, Manufacturers of Cigars, &c.....	79
Munly, W. A., Manufacturer of Shirts and Underwear.....	66
Miller, J. C. & Son, Wholesale and Retail Dry Goods and Groceries.....	68
McNeil, John W. & Co., China, Glass and Queensware.....	69
Marsh, M. & Son, Tobacco and Cigars.....	71
Moenkemoeller, Chas., Druggist.....	72
Moffatt, T. C., Merchant Tailor.....	83
Maxwell & Isham, Wholesale Grocers.....	93
McMasters, Wm., Druggist, Bellaire, O.....	94
Mayer & Blum, Dry Goods, Notions, &c., Bellaire, O.....	96
Mellott, A. O. & Co., Furniture, &c., Bellaire, O.....	97
Mathison, George, Wholesale and Retail Hats and Caps, Bellaire, Ohio.....	98
Myles, Wm., Photographer.....	111
Mount De Chantal, Convent of the Visitation.....	132
McCoy, Dr. Halley, Physician and Surgeon.....	124
Mendel & G. Co., Carpets and Furniture.....	128
Nesbitt & Son, Copper, Tin and Sheet Iron Ware.....	71
Naylor, J. R., News Dealer, Bellaire, O.....	108

National Planing Mill, Bridgeport, O.....	127
O'Kane & Divine, Boots and Shoes.....	106
Ott, Hall & Co., Wholesale Hardware.....	108
Opera House of Wheeling.....	119
Ohio Valley Protective Union.....	131
Ohio City Planing Mill, Martin's Ferry, O.....	126
Ohio Valley Agricultural Works, Martin's Ferry, O.....	139
Pen Pictures.....	17
Parsons, Photographer.....	67
Plummer, Photographic Gallery.....	70
Paull, A. W., Wall Paper.....	91
Pollack, Augustus, Manufacturer Cigars and Tobacco.....	109
Rates of Freight, West.....	27
Rates of Freight, East.....	32
Robinson, Wm. H., Paints, Oils, Sash, Doors, &c.....	57
Reed, L. C. & Co., Fashionable Merchant Tailors.....	60
Roth, G. G., Dry Goods, Carpets, &c.....	74
Rhodes, J. S. & Co., Wholesale and Retail Dry Goods.....	68
Roth, M., Dry Goods, Groceries and Notions.....	81
Richardson, A., Groceries and Produce, Bellaire, O.....	97
Rhodes, C. M. & Co., Wholesale Grocers, Bridgeport, O.....	102
Reed, John & Co., Malsters and Hop Dealers.....	104
Reed & Houston, Druggists.....	107
Roemer, John, Dry Goods, Notions, &c.....	115
Rhees, Dr. M. J., Homoeopathic Physician.....	134
Riverside Furniture Co., Manufacturers Furniture, &c.....	140
Siebbe, Chris., Dealer in Imported Liquors, Beer Bottler, &c.....	73
Singer Sewing Machine Manufacturing Company.....	75
Shriver, H. Z., Wholesale Paper and Printers' Supplies.....	77
Sheppard, J. B., Wholesale and Retail Saddles, Harness, Trunks, &c.....	83
Speyer Bros., Millinery and Straw Goods.....	85
Sheib, Wm. H., Pianos, Organs, Music, &c.....	86
Sonneborn, M., Clothing, Furnishing Goods, Bellaire, O.....	87
Smyth, R. J., Family Grocery.....	91
Sedright, C. W., Merchant Tailor.....	93
Steinhauser, N., Liquors, &c., Bellaire, O.....	98
Sharp, J. F., Retail Grocer, Bridgeport, O.....	99
Sellers, J. W., Photographer, Bellaire, O.....	104
Sweeney, A. J. & Son., Machinists.....	105
Schmullach, H. & Co., Wholesale Liquors.....	109
Sealey, Oscar, Plumber.....	111
Stifel, Geo. E. & Co., Dry Goods, Furs, Notions, &c.....	115
Schultz, Nicholas, Manufacturer of and Dealer in Candies, Fruits, Nuts, &c.....	117
St. Lawrence, Steamer, Wheeling, Pittsburgh and Cincinnati Packet.....	131
The Railroad System of Wheeling.....	24
Table, Showing Names of Boats Built from 1849 to 1879.....	43
The Suspension Bridge.....	47
The Paxton Fountain.....	55
The Daily Register.....	56
The Intelligencer.....	56
The Sunday Leader.....	56
The News-Letter.....	56
The Saturday Evening Journal.....	56
The Deutsche Zeitung.....	56
Taylor, Geo. R., Retail Dry Goods.....	66
The Howe Machine Company, Sewing Machines.....	70
The German Insurance Company.....	86
Tieman, G. W., Tobacco and Cigars.....	91
The Bellaire and Southwestern Railway.....	103
Theaker, R. M., Hardware, Cutlery, &c., Martin's Ferry, O.....	104
Turner & Dillon, Jewelers.....	118
The Star Foundry.....	124

	Page.
Wheeling Iron and Nail Company (Top Mill).....	75
Wilson & Dunlevy: Barrel and Keg Manufacturers.....	77
Wheeling Hinge Company.....	65
Wilhelm, Carl, Upholsterer and Decorator.....	81
Wheeling Female College.....	96
Whitaker Iron Company.....	100
Wheeling Hospital.....	110
Weitzel, T. W., Grocer.....	117
Wheeling Female Academy.....	132
Wagener, D., Paper Manufacturer.....	135
Wheeling, Cincinnati and Pittsburgh Packet, "St. Lawrence".....	134
Wilson Bros., Boots and Shoes.....	121
Wheeling, Pittsburgh and Cincinnati Packet "Andes".....	125
Wheeling, Parkersburg and Cincinnati Transportation Company.....	137
Wheeling and Sistersville Daily Packet "Pheaton".....	138
Young, Alex. T., Druggist and Pharmacist.....	73
Zane, Platoff, Real Estate.....	64
Zink & Morehead, Carpets, &c.....	80

INDEX TO ADVERTISEMENTS.

Arbenz & Co.....	147
Alderson, J. C.....	154
Booth C. H. & Co.....	146
Buggs & Co., Bridgeport, O.....	148
Backeye Paper Mill.....	149
Behrens & Co., Grocers.....	150
Butterfield John, Malsters.....	151
Boger J & Bro., Leather, &c.....	151
Beltz & Flading.....	152
Curtis W. N., Attorney-at-Law.....	149
Dobbs & Reisenger.....	147
Dilworth W. S., Martin's Ferry.....	148
Durst & Kober.....	151
Etna Life Insurance Co.....	146
Ebeling & Peblar, Tobacco, Cigars, &c.....	151
Egerton, A. C. & Co., Grocers.....	151
Graham, Wm., Furniture, &c.....	146
German Insurance Co.....	153
Haldeman, N. H., Iron Roofing.....	146
Hehrbright, L. H., Cigars and Tobacco.....	146
Hoeble & Bro., Furniture.....	147
Haro, Wm., Plumber and Gas Fitter.....	147
Hollinger & Perkins, Barbers.....	149
Harboun & Dittman, Carpets, &c.....	152
Hutchins, W. S., Artists' Materials, &c.....	152
Hughes, Thos. & Co., Clothiers.....	153
Humes, Wilson & Co., Planing Mills.....	153
Jacob, Ciceroff & Ferguson, Attorneys-at-Law.....	149
Jacobs, G. E., Wet's Store.....	147
Jordan, L. S., Attorney-at-Law.....	149
Kerr, J. & Co., Planing Mill, Martin's Ferry.....	148
Kreig, Wm. E., Jeweler.....	151
Lextype Co., Photo Engravers.....	144
Lewis & Clemens, Barbers.....	148
List, D. C., Pork Packer.....	154
Lutke, Robert, Livery Stable.....	146
Mendel, G. & Co., Furniture.....	143
Manley, W. A., Shirt Manufactory.....	151

	Page
Moffatt, T. C., Merchant Tailor.....	152
Mutual Aid Association.....	115
North Wheeling Glass Works.....	154
Opera House.....	146
Ohio City Planing Mill.....	148
Ott, Hall & Co., Hardware.....	154
Parks, Geo., Pork Packer.....	154
Pittsburgh Southern Railway.....	144
Parsons, Photographer.....	152
Quimby, C. H., News Dealer.....	153
Riverside Furniture Co.....	147
Redman & Co.....	147
Rhees, Dr. M. J., Physician.....	147
Robinson, Wm. H., Paints, Oils, Glass, &c.....	150
Reed, L. C. & Co., Merchant Tailors.....	152
Spence, L.....	148
Steamer St. Lawrence.....	148
Steamer Phaton.....	146
Steamer Andes.....	147
Seabright, C. W., Merchant Tailor.....	150
Schmubach, H. & Co., Liquor Dealers.....	151
Shieb, Wm. H. Music and Musical Instruments.....	152
Sheppard, J. B., Trunks, Harness, &c.....	152
Smyth, R. J., Grocer.....	154
The News-Letter.....	151
Turner & Dillon, Jewelers.....	153
Wheeling & Parkersburg Transportation Co.....	146
Warwood, Henry, Martin's Ferry.....	148
Wheeling Female Seminary.....	149
White, Rob't Attorney-at-Law.....	149
Wilson Bros., Boots and Shoes.....	151
Wilson, Dunlevy & Co.....	153
Zane, Plattoff, Real Estate Agent.....	153

ERRATA.

The editorial on the Belmont Nail Company, page 141, twenty-fourth line, in description of Blast Furnace, should read: "One Engine and six Cylinder Boilers, 48 inches in diameter and 66 feet in length."

STEAMBOAT TIME TABLE.

CINCINNATI PACKETS.

Steamer "Andes" Chas. Muhleman, Commander: Ed. Muhleman, Clerk. Leaves Wheeling for Cincinnati every Tuesday at 3:00 o'clock p. m. Returning, leaves Cincinnati for Wheeling every Friday at 5:00 o'clock p. m.

Steamer "St. Lawrence" Wm. M. List, Commander: C. D. List, Clerk. Leaves Wheeling for Cincinnati every Saturday at 3:00 o'clock p. m. Returning, leaves Cincinnati for Wheeling every Tuesday at 5:00 o'clock p. m.

PARKERSBURG PACKETS.

Steamer "Courier" leaves Wheeling for Parkersburg every Monday, Wednesday and Friday, at 10:30 o'clock a. m. Returning, leaves Parkersburg for Wheeling every Tuesday, Thursday and Saturday, at 5:00 o'clock a. m.

Steamer "Diurnal" Asa Booth, Commander: E. K. Booth, Clerk. Leaves Wheeling for Parkersburg every Tuesday, Thursday and Saturday, at 10:30 o'clock a. m. Returning, leaves Parkersburg every Monday, Wednesday and Friday, at 5:00 o'clock a. m.

PITTSBURGH PACKET.

Steamer "C. W. Batchelor" leaves Wheeling for Pittsburgh every Tuesday, Thursday and Saturday, at 7:00 o'clock a. m. Returning, leaves Pittsburgh every Monday, Wednesday and Friday, at 1:00 o'clock p. m.

MATAMORAS PACKET.

Steamer "Mollie Ragon" leaves Wheeling for Matamoras every Tuesday, Thursday and Saturday, at 1:00 o'clock p. m. Returning, leaves Matamoras every Monday, Wednesday and Friday, at 6:00 o'clock a. m.

SISTERSVILLE PACKET.

Steamer "Phaeton" leaves Wheeling for Sistersville daily at 3:00 o'clock p. m. Returning, leaves Sistersville daily at 5:00 o'clock a. m.

CLARINGTON PACKET.

Steamer "Telegram" leaves Wheeling for Clarington daily, at 3:00 o'clock p. m. Returning, leaves Clarington daily at 6:00 o'clock a. m.

STUBENVILLE PACKET.

Steamer "Abner O'Neal" leaves Wheeling for Steubenville daily, at 2:30 o'clock p. m. Returning, leaves Steubenville daily, at 8 o'clock a. m.

CITY OF WHEELING,

PEN PICTURES.

In September, 1770, no human habitation occupied the point of land where Wheeling has since arisen. The Indian trapper, and adventurous scout, the Jesuit gliding along the great rivers in his bark canoe, or traveling Indian led over the forest trails, had all brought stories, and told tales of the wonderful country, through which numerous rivers gave facilities for travel and transportation. It was in the year 1769 that Ebenezer Zane, accompanied by his brothers John and Silas and one or two others, started from their homes on the south branch of the Potomac in search of the great Ohio. Before reaching the river one of their party was taken sick from the exposure, and they were compelled to turn back in order to save his life, which, however, proved useless, for soon after his return home he died.

In the spring of 1770 Ebenezer and his two brothers made another start and in the month of September reached the point of land that is now known as Mt. Wood Cemetery, and standing there "viewed the landscape o'er." Before them rolled the waters of a great river, sweeping to the Mexican Gulf, and giving outlet and egress to the nations of the earth. Behind them was already pressing, despite the hardships of pioneer life, and the dangers of Indian warfare, the power of emigration. Around them rose in all its grandeur the primeval forest, and who can say what prophetic thoughts in the warm fancy of the then young men, sprung and grew.

Truth is stranger than fiction says the adage. In the great city of Wheeling, extending for miles around the point where in that September day these three brothers stood alone "and thought the future o'er;" and in the fifty millions of people, with all their wealth of farms, factories, mines and cities, to which the business of Wheeling has access, by her river and her railroads, the reality outswells the ambitious dreams of those who alone gazed upon the blue waters of the then forest shaded Ohio. Perusing these lines now at the beginning of the second century of American independence, may it not be confidently said that where all the same primary elements of growth still exist, as they do, within Wheeling's control, that in the future her wonderful increase will be repeated, and, in a period of years yet unborn, truth be again cited as stranger than fiction by he who shall then tell the story of Wheeling's growth.

Here then stood these three brothers, the projectors of Wheeling. It is probable that standing in that balmy September day on this point of land, their minds rapidly overran the future, and saw from the town they had already projected, "westward the star of empire takes its way." After establishing their claims, which was done by notching or cutting their names in the trees, it was decided that one of the brothers should stay and protect the claims while

the other two returned to their homes for their families. This duty fell on Silas, the youngest, and although at that time peace prevailed, in name, it was a hazardous undertaking.

During the winter Silas was compelled to live in the hollow trunk of an old sycamore tree which stood on the bank near the forks of the creek, and here he was found by his brothers in the spring of 1771, when they returned with their families.

In 1774, Fort Fincastle was built. It was planned by Gen. George Rogers Clarke and constructed by the settlers under the supervision of Ebenezer Zane and John Caldwell. It covered a space of about three-quarters of an acre of ground. In 1777, the name was changed to Fort Henry in honor to Patrick Henry.

In May, 1777, Wheeling was but a small Fort, with a few log cabins surrounding. On every hand, save where the little village and the few cleared fields around basked in the warm spring sun, the dense forest clothed hill and bottom, ravine and river's edge. Down from the north on one side, swollen from the melting northern snows, came sweeping the clear, bright waters of the *La Belle Riviere* of the French, the O-hi-o of the aborigine, to be, in years to come, a highway of commerce, wonderful in its towns and cities and the traffic on its waters.

Up into the clear atmosphere wreathed lazily, or swayed fantastically in the breeze, the pale blue smoke of wood-fires from the two dozen of houses which formed the village, shadowy forerunners of the dense black columns that were in an hundred years to be shooting up in every direction for miles around the location of the little settlement of 1777.

Scantily, here and there, about the doors of the few cabins, or along the one street grouped the few settlers, little thinking that before the suns of another spring had ripened the harvest they would be called upon to protect their little homes with their lives. Before the entrance of the fort the sentinel paced lazily his monotonous beat, the clink of his musket and accoutrements, making a faint fore-reaching echo of the clang and clash, of the machinery that then far down the aisles of time was moving to forge the bar and drive the plane, to smelt the ore, and shape the metal, and wake the echo of over two hundred miles of streets, and render noisy the day and clamorous the night in a hundred years from then.

Thus in May, 1777, sparkling in the sunshine ran the river, green and fresh swayed the trees, idly about the fort lounged the band full of settlers, and quietly under the warm May sun rested "Weeling" as by the Delaware Indians this embryo of *Wheeling* was called. It has been a subject of considerable controversy as to how this city derived its name. Some state that it was named after a Catholic priest named Whalen, while others say that it is named from the creek because of its crooked course. Of this we have no historical account. The following communication from one John White, printed in the *American Pioneer*, January, 1842, we take as the most authentic yet published, when we remember that Mr. White saw and talked with John Brittle at the time. We quote from his letter: "John Brittle, formerly of Pennsylvania, was taken prisoner by the Indians in 1791, and lived nearly five years among them. He lived with the *Hooching-poo-shucks* or *Big Cat* most of the time."

In the earliest period of the settlement of Pennsylvania some white settlers descended the Ohio river in a boat, and stopping at the mouth of Wheeling creek were killed by the Delawares. The savages cut off the head of one of their victims, and placing it on a pole with the face toward the river, called the spot *Weeling*. The Indians informed Mr. Brittle that the head was placed there to guard the river. I presume to guard the camp from the incursions of the whites. Mr. Brittle says that if an Indian was asked, after shooting a deer or bear, where he had hit the animal, his answer (if in the head) would be *weeling*."

In September, 1777, Fort Henry endured a siege from the Indians which deserves to rank among the most memorable events of border warfare, defended as it was, by a brave band against more than thirty times their number, who were led by the notorious Simon Girty.

In 1781, the village was again visited by the hostile Indians who after burning several houses, departed in the same mysterious manner in which they had come.

On the 14th day of September, 1782, a body of three hundred Indians and a company of fifty British, known as the "Queen's Rangers," under command of Capt. Pratt, again made an unsuccessful attempt to take the fort. Failing in this, they destroyed all of the cabins and after killing all the cattle they moved rapidly to the river and disappeared and the siege was ended. In less than an hour after they had gone Capt. Boggs came to the fort with seventy mounted men.

We have not space in our work to give an extended history of the border warfare in which Wheeling formed a conspicuous part.

In January, 1806, Wheeling was incorporated as a village, and on the 24th of March, George Miller took the oath of office as Mayor of said town. Turning from the vision of Ebenezer Zane and his two brothers, standing, in 1770 viewing the uninhabited point of land where Wheeling has since grew from the Fort Fincastle of 1774, we pass to the present time, and the great city of Wheeling in 1879, rises in all its proportions, wealth, and business before us. What wondrous record the years contain of change and progress. In them have had birth and growth of the steamboat, the railroad, and the electric telegraph.

Where in September, 1777, a little village stood on the verge of civilization peering timidly into the forest beyond, in September, 1879, a great city stands, Twenty millions of people to the east of her, twenty millions on the west of her, while the electric telegraph, the railroad, and the steamboat, connect her with the world and its commerce.

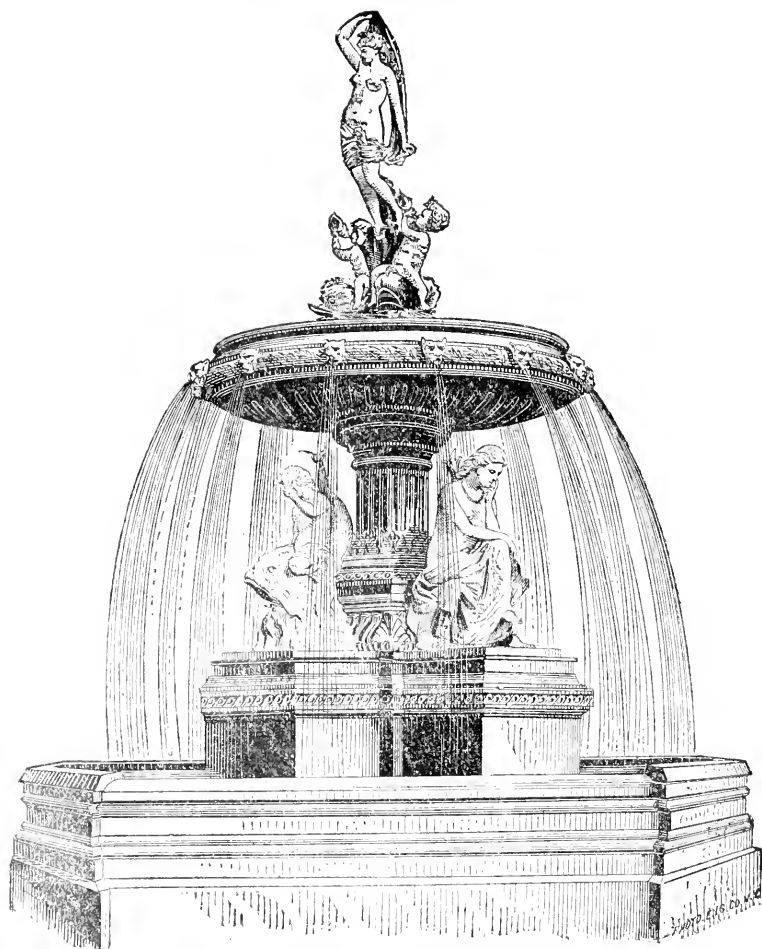
Throughout the nation, of which this city is such a central point, nails from its mills are found in every mart. Its glass is on the table of every hotel, and in the windows alike of city residences and frontier cottages. Standing a giant of American industry—glowing with the blaze of her furnace fires; swart and grimy with their smoke, Wheeling may well be proud of her past, and look with great hope to the future. Planted on one of the grandest fuel fields of the world, she has wonderful facilities for receiving crude minerals and other material, for the world's needs and consumption in their manufactured forms; equally able to distribute them to consumers.

In September, 1777, a little village of a few houses, clustering around a small fort. Wheeling in September, 1879, is a great community, occupying an area of 10,000 acres, having two hundred miles of streets, with almost as many wards as it then had houses. The Ohio which then swept through miles of primitive forest, now flows past from four to six miles of city, with its massive blocks of houses, its miles of paved and gas-lighted streets.

Where in 1777, a solitary Indian canoe or skiff here or there crossing from the little village to the forest on the other side, formed the connection, now a grand suspension bridge spans the waters of the river.

Where in 1777, the waters of the creek flowed through forests before it mingled with the waters of the Ohio, now it courses through the center of this grand city, and is spanned by four iron and stone bridges, which are but as sections of the streets which extend for miles from their either ends. Where then there were no churches, now the spires of over twenty-five point heavenward, from whence arise praise and prayer to Him who holds the destinies of nations in His hands, and has not forgotten Wheeling in the blessing which fall alike upon the just and the unjust.

The traveler in passing in or out of the city of Wheeling, sees things under such a gloom of smoke that the beauty of the suburbs is generally unknown. The ear has been stunned by the whistle of the escaping steam, the clank of machinery, the din of metallic reverberations and the roar of forge fires and glass furnaces in all directions. They have caught glimpses as they passed of half-naked men throwing about in savage play huge masses of red hot metal; they have seen for a moment the interior of great cavernous buildings, where stalwart, sooty men, were pulling and hauling and dragging about long bars of glowing metal which went twirling and slipping like fiery snakes through rap-



PAXTON FOUNTAIN. CAPITOL SQUARE.

idly revolving cylinders; they have caught glimpses of streams of molten metal pouring like burning water through gathered groups of workmen; they have heard strange demoniacal yells and shrieks, passed clouds of scalding vapor, glided for miles by sombre house, black discolored churches and gloomy warehouses. They recede from its boundaries with an impression that they have passed through some city, half enchanted, such as Marco Polo, and other old Venetian travelers, fabled to have found in the then unexplored regions of the earth, a city of fire and smoke.

And such is Wheeling in 1879, to the passing traveler, as he enters it by either of the railroads that centers in the city. To the tourist who may spare the time to explore Wheeling and its suburbs, there is, besides that region of fire and smoke, sections of calm delight and districts of great beauty.

It needs but the tourist in the budding month of May, or in sunny June, or golden September, or russet October to drive a foot pace out the National road. Costly residences and charming cottages attract the eye on every side, beautiful

grounds, rich with cultivated shrubbery, or picturesque with natural forest trees charm the sight. There to the right the massive and costly Mt. de Chantal College stands towering up into the clear, sunshiny sky, while no din of machinery disturbs the sylvan quiet of the scene, or shadows of smoke glooms the view. If the business portion of Wheeling is a city half enchanted, of fire and smoke, inhabited by demons playing with fire, the suburbs of Wheeling is also under enchantment of a different kind, and smiles a land of beauty, brightness and quiet.

In the long summer twilights a ride over the suspension bridge to the Island, the "Garden spot" of Wheeling, the perfume of flowers and the fresh foliage fills the air and renders it a drive without a parallel. Here too the tourist finds himself outside of the din of machinery and the blurr of smoke and void of annoyance from the noise of factories.

There is no more impressive sight than at the top of Chapline hill of a clear night when a strong wind has swept away the volumes of smoke from the city. Close against the hill rises gray and grand the beautiful Female Seminary, below it the waters of the creek shimmer in the light. To the right, to the left and in front lies the city of Wheeling with its miles of streets, marked clear and distinct by the rows of glittering gas-lights. Beyond this scene clear and bright flows the Ohio, "*La Belle Riviere*," with perhaps a white steamboat gliding past, with its tall chimneys sending out showers of sparks, a very star spangled banner. To the right, to the left, and in front of the spectator, furnaces are throwing up columns of flame. Through the wide open doors and windows of factories and mills illuminations of their interiors from their forge fires, the glow of the flowing metal and twisting red hot bars of iron throwing off scales of fire under the pressure of machinery, presents a picture the spectator will not soon forget.

The beauties of Wheeling sketched in the foregoing paragraphs, travelers rarely see, nor many of her own citizens, from want of knowledge of where and when to see. There are a dozen other points around the city where the scenery by day or night is beautiful, but they may not all be presented even by pen and ink. Enough has been given of "pen and ink pictures of Wheeling" to show what it was at its inception, and to present some idea of what it is to-day, leaving the succeeding chapters to portray its growth, present its business, tell the story of its industries, suggest its advantages, and foreshadow its future.

GEOGRAPHICAL POSITION.

Wheeling is situated in latitude 40° 8' north longitude 80° 47' west, and occupies the position of capital of West Virginia, and western terminus of the Baltimore and Ohio Railroad.

Located on the banks of great Ohio river, she commands an inland navigation of many thousand miles. Distant only about four hundred miles from three of the most important seaboard cities of the Union, and but a summer days ride from either. About one hundred miles from the great chain of inland seas, to whose shores access is had in a few hours ride, she partakes of the advantages of the lake cities for intercourse with the Canadas; and for outlet through the lake route to the ocean; while by her rivers she commands another and an easy access to the ocean and foreign nations. Thus having the choice of three avenues, whereby she may export beyond the borders of the United States her manufactures, or receive the products of other countries.

In the years past the use of the Ohio as a transportation facility has been limited by the occurrence of seasons when low water interrupted the continuous use of the river, and deprived it of the force of a daily reliable facility for transportation.

The improving of the navigation of the Ohio, has in past years, been strongly pressed upon Congress by a Board of Commissioners for the seven Ohio river States. A plan for its radical improvement has been adopted by the United States Engineer, and an appropriation made by the government for

the construction of the first adjustable dam which was began at Davis' Island in 1877. By a series of these dams it is proposed to secure the *discharge* of never less than six feet of water at all seasons, insuring a continuous daily navigation of the Ohio by boats, carrying a thousand tons and upwards.

The increasing demand for cheap transportation, and in fact all transportation arising out of the multiplying wants of the growing populations of the various sections of the nation, must at an early day cause the Ohio to be made as fully available for transportation as it is possible by engineering skill to render it. How greatly that will strengthen the already strong geographical position of Wheeling, is easily seen.

Reaching through the natural avenues of travel the following States and counties by steamboats, without transhipment of goods.

By the Ohio river from Wheeling to Cairo, touching every important point in West Virginia, southern Ohio, northern Kentucky, southern Indiana and Illinois. By the Mississippi, the towns and counties bordering upon that river in Louisiana, Mississippi, Arkansas, Tennessee, Kentucky, Missouri, Illinois, Iowa, Wisconsin and Minnesota. By the Missouri river, central Missouri, Kansas, Nebraska, Dakota, and Montana. By the Arkansas and White rivers, central, southern and northern Arkansas. By the Red river, central Louisiana. By the Wabash, central Indiana. By the Tennessee river, western Tennessee, Kentucky and northern Alabama. By the Cumberland river, interior of Kentucky and northern counties of Tennessee. By the Big Black and Yazoo rivers, inland Mississippi. By the Minnesota, the interior of Minnesota. By the Illinois river, the interior of Illinois. By the Muskingum, the interior of Ohio. By the Kanawha river, the interior of West Virginia. By the Allegheny, the northern portion of Pennsylvania, and the southwestern portion of New York. By the Monongahela, southwestern Pennsylvania and West Virginia.

Thus reaching by river navigation eighteen States and two territories, not only the border counties thereof, but the interior of these States as well, affording unparalleled facilities for reaching from the 16th degree of northern latitude to the 30th, from the 1st degree to the 22d longitude west from Washington, embracing an area of 1,052,000 square miles of territory.

Of this extent of country, the Ohio river passes along the borders of six States, watering the shores of 71 counties, viz: 2 in Pennsylvania, 12 in Virginia, 13 in Ohio, 25 in Kentucky, 11 in Indiana, and 5 in Illinois. The Mississippi traverses the boundaries of ten States, and gives navigation to 35 counties, viz: 6 in Minnesota, 10 in Iowa, 8 in Wisconsin, 17 in Illinois, 14 in Missouri, 2 in Kentucky, 5 in Tennessee, 10 in Mississippi, 6 in Arkansas and 17 in Louisiana. The Missouri washes the shores of three States, 24 counties in Missouri, 11 in Nebraska, and 6 in Kansas. The Tennessee gives water transportation to three States, and outlet to fourteen counties, viz: 2 in Alabama, 6 in Tennessee, and 6 in Kentucky. The Cumberland affords water carriage through two States, and to 9 counties, viz: 6 in Tennessee and 3 in Kentucky. The Illinois and Kaskaskia give to twenty-four counties in Illinois navigation, and the Wabash similar privileges to 6 counties in Indiana and 5 in Illinois. The Arkansas affords 12 counties in that State a like advantage, and the Red river the same to 9 counties in Louisiana. The White river gives carriage to 9 counties in Arkansas, and 5 in Missouri. The Yazoo, the Sun Flower and Big Black, afford to 11 counties in Mississippi travel by river communication. The Hatchee and Oibon, the same facilities to 6 counties in Tennessee. The Kentucky and Green rivers, egress to the Ohio to 14 counties in Kentucky. The Osage and Missouri rivers, steamboat navigation to 8 counties in Missouri. The Platte river to 4 counties in Nebraska. The Des Moines and Iowa rivers give to 11 counties in Iowa access to the Mississippi by water, and the Wisconsin and Rock rivers the same facilities to 11 counties in Wisconsin. The Muskingum to 3 counties in Ohio. The Kanawha river to 3 counties in West Virginia. The Allegheny gives 8 counties in Pennsylvania and 1 in New York communication by water to market for their productions, and the Monongahela similar advantages to two States, 5 counties in Pennsylvania, and 1 in Virginia—being 377 counties to which Wheeling has direct communication.

In view of this unequalled river system giving Wheeling this direct access to

the very hearts of eighteen of the finest States of the Union, can there be any doubt of the future of the "Nail City" as a commercial and shipping, as well as a manufacturing point? The contemplated improvement of the Ohio may be for a brief time delayed, but the very necessities of the country will force the expenditure of the money requisite to render this great highway of transportation all it can be made, and which its location to producing and consuming populations of the country indicate it must be. Not only will the constantly increasing wants of the people for cheap transportation require this, but the steady growing bulks requiring transportation will render it necessary, and such improvements of the navigation of all connecting rivers, as will make most available to those twenty States this system of navigation, without a parallel in any nation or in any country whose value the following table shows:

STATISTICS OF THE CENSUS OF 1870.

Of the Principal Rivers Navigable from Wheeling to their head waters without trans-shipment of Freight

RIVERS.	States.	Counties.	Population	Cash Value Personal and Real Estate.	Cash Value Farms.	Cash value Farm Products.	Cash value Farm Stock.
Allegheny.....	Pa.	2	505,999	\$ 66,559,891	\$ 131,109,905	\$ 19,189,704	\$11,328,840
	N. Y.	1	13,909	20,629,578	22,914,176	5,224,297	1,192,525
Arkansas.....	Ark.	12	117,159	46,717,249	11,915,791	9,757,254	1,051,731
Big Black.....	Miss.	4	79,928	17,217,641	8,460,130	7,675,788	2,954,176
Cumberland.....	Tenn.	6	142,181	99,594,065	2,984,353	7,320,624	5,234,567
	Ky.	3	32,712	8,615,440	4,154,292	2,389,111	1,493,178
Des Moines.....	Iowa.	7	117,819	70,172,311	42,408,188	12,088,227	9,638,004
Green.....	Ky.	7	94,820	76,553,755	15,297,468	6,563,663	4,126,972
Hatchee.....	Tenn.	4	68,890	27,723,692	9,904,360	6,213,823	2,650,037
Illinois.....	Ill.	18	191,656	294,109,666	171,352,947	35,847,671	25,599,535
Iowa.....	Iowa.	4	73,371	11,559,690	28,774,948	8,929,545	6,099,578
Kaskaskia.....	Ill.	6	138,501	94,719,512	42,624,517	12,526,686	6,333,922
Kentucky.....	Ky.	7	73,730	31,156,717	21,119,829	5,666,029	4,312,666
	Neb.	11	72,480	38,759,779	18,873,549	5,460,525	3,784,176
Missouri.....	Mo.	24	790,678	781,580,770	161,705,310	38,122,565	26,794,074
	Kan.	6	11,925	38,397,189	13,961,477	4,588,272	2,875,867
Meramec.....	Mo.	3	35,681	15,478,520	7,161,632	2,022,517	1,023,960
Monongahela.....	Pa.	4	216,373	175,142,325	119,031,664	13,776,920	10,367,032
Muskingum.....	W. V.	1	13,547	4,445,727	4,724,358	1,161,916	71,250
	Ohio.	3	195,858	52,476,159	34,250,070	6,738,055	4,129,775
	Ark.	6	12,889	22,366,582	5,699,945	1,834,456	1,687,667
	Iowa.	10	280,214	171,893,476	88,414,966	24,635,627	16,826,325
	Ill.	17	138,545	397,910,775	167,216,820	42,141,477	24,978,023
	Ky.	2	11,914	5,755,571	3,172,584	1,110,622	663,784
	La.	17	266,637	249,194,823	31,266,679	20,963,613	5,093,870
Mississippi.....	Mo.	14	182,269	121,178,520	36,883,095	13,207,193	9,182,765
	Miss.	10	129,182	11,692,210	22,620,138	16,686,662	1,184,511
	Tenn.	5	118,234	61,242,891	17,591,156	18,732,485	3,699,871
	Wis.	8	126,498	71,922,260	28,299,010	10,058,148	6,213,177
	Minn.	6	115,429	73,436,276	27,630,190	10,272,324	5,292,647
	Ind.	14	232,424	151,372,179	57,119,434	13,282,795	7,928,295
	Ill.	5	46,017	17,410,560	5,573,869	2,235,663	1,113,399
Ohio.....	Ohio.	13	693,571	56,531,553	143,896,281	27,458,685	16,983,167
	Ky.	25	124,845	262,339,888	89,762,422	21,027,194	13,934,083
	Pa.	2	298,342	589,216,865	69,646,521	6,502,355	4,391,591
	W. V.	12	130,557	67,339,785	27,964,932	5,888,622	3,924,335
Osage.....	Mo.	5	42,243	17,100,000	7,127,978	2,196,192	1,799,292
Obion.....	Tenn.	2	29,290	10,055,882	4,388,101	3,092,877	1,793,770
Platte.....	Neb.	4	11,413	9,473,733	2,557,727	4,489,343	690,594
Red.....	La.	9	411,664	22,394,847	11,296,425	11,419,665	3,521,066
Rock.....	Ill.	5	117,455	9,147,797	69,915,264	11,276,561	10,644,091
Sunflower.....	Miss.	1	14,539	6,191,200	6,002,270	3,818,040	798,862
	Ky.	6	66,598	20,165,147	8,187,035	1,888,080	2,708,193
Tennessee.....	Tenn.	6	78,632	18,561,598	7,890,849	4,469,369	3,119,613
	Ala.	2	23,097	6,745,295	1,884,223	1,488,378	810,634
	Ill.	5	70,828	36,390,728	17,972,143	5,599,294	3,216,439
Wabash.....	Ind.	6	129,960	87,360,086	36,711,788	8,528,248	5,535,958
White.....	Ark.	9	72,411	25,744,823	6,984,661	6,659,637	2,541,423
Wisconsin.....	Wis.	6	168,295	111,748,779	52,461,314	15,362,820	8,454,978
Yazoo.....	Miss.	6	58,796	37,893,421	16,523,247	11,342,529	4,066,599
Totals.....		377	7,894,068	\$5,408,292,792	\$1,963,519,698	\$522,833,759	\$116,498,908
Same territory, 1850.....			4,600,426		601,392,416	218,692,007	87,413,443
Increase in 20 years.....			3,293,642		1,362,207,272	303,841,752	229,085,465

THE RAILROAD SYSTEM OF WHEELING.

By reference to a map it will be seen that the Wheeling Railway System is, taking into view the scope of its connections, one of great value. It will also be seen that all *principal* points North, South, East and West, can be reached by the BALTIMORE AND OHIO RAILROAD and its connections.

The B. & O. R. R. after leaving Wheeling takes a south-eastwardly course to Grafton, thence northeast to Cumberland, Md., when it takes a southeast course to Washington City and north to Baltimore.

Along the "main stem" of the B. & O. R. R. from Wheeling there are the following connections:

At Benwood with the CENTRAL OHIO DIVISION, which takes a direct westward course to Newark and Columbus, Ohio.

At Newark the LAKE ERIE DIVISION takes a direct northern course to Chicago Junction, Sandusky City and Lake Erie. The same branch also runs south from Newark to Shawnee.

At Chicago Junction the CHICAGO DIVISION has a direct westward course to Chicago and Lake Michigan, where connections are made with the chain of roads leading westward from Chicago.

At Grafton the PARKERSBURG BRANCH runs directly west to Parkersburg, W. Va., and Cincinnati, O., continuing a straight line West to St. Louis by the OHIO & MISSISSIPPI RAILROAD; it embraces in its connections the entire net-work of roads which cover the western States.

At North Bend, Ind., a branch runs south to Louisville, Ky., where connections are made to points south from Louisville.

At Cumberland with the PITTSBURGH BRANCH northwest to Pittsburgh, where points in eastern and middle Pennsylvania can be reached by railroads leading out of that city.

At Harper's Ferry with the VALLEY RAILROAD running south to Staunton, Va., where it connects with railroads leading through the whole southern country.

At Washington, D. C., with the W. C., VIRGINIA MIDLAND AND G. S. R. R. south to Danville.

At Baltimore with the PHILADELPHIA, WILMINGTON & BALTIMORE RAILROAD to Wilmington, Del., and Philadelphia; thence by the AIR LINE ROUTE to New York for connection through the New England States.

There is also a branch running from Wheeling to Washington, Pa., which connects with the PITTSBURGH SOUTHERN for Pittsburgh; this is unquestionably the shortest route to Pittsburgh.

The value of this great trunk line of 3,558 miles of road to this city needs no comment. It requires but a glance at a railroad map to see how great are the facilities possessed by Wheeling through this great railroad, to distribute to nearly every State in the Union her manufactured products, or to receive from the agricultural districts of the great west, their products.

The following table, made from the annual report of the company for 1878, gives some idea of the immense amount of business done by the B. & O. R. R.:

REVENUES OF THE MAIN STEM AND BRANCHES.

The Revenues of the "Main Stem," including the Winchester & Potomac, Winchester & Strasburg, the Strasburg & Harrisonburg, the Metropolitan Branch, and the Washington City & Point Lookout Railroads, and of the Washington County Railroad, for THREE MONTHS to January 1, 1878, have been.....		\$ 8,563,956 85
Of the Washington Branch.....		276,879 40
Of the Parkersburg Branch.....		659,698 77
Of the Central Ohio Division.....		829,232 77
Of the Lake Erie Division.....		657,632 04
Of the Chicago Division.....		1,057,558 96
Of the Wheeling, Pittsburgh & Baltimore (formerly Hempfield Railroad).....		40,984 25
Of the Newark, Somerset & Straitsville Railroad.....		135,295 06
Of the Pittsburgh & Connellsville Railroad (Pittsburgh Division).....		1,514,024 89
Total.....		\$13,765,279 99

The above shows an increase compared with 1877 of.....\$556,419 91

The "main stem" and lines operated by the Baltimore & Ohio Company in their different courses runs through and into the territory of ten States, and gives by its own direct lines transportation to sixty-five counties, through whose area its rails run. The value of the population, wealth and products of these counties, and the importance of the routes as instanced by the value of personal and real estate, value of farms and farm products, as stated in the census of 1870, is shown in the following table:

STATES.	Counties.	Cash value Personal and Real Estate, 1870.	Population 1870.	Cash value Farms, 1870.	Cash value Farm Products.	Cash value Live Stock.
West Virginia.....	14	\$ 84,819,038	164,948	\$ 44,092,841	\$ 9,408,340	\$6,511,176
Maryland.....	7	498,751,851	180,181	76,035,611	14,532,491	7,849,385
Pennsylvania.....	4	484,854,260	377,626	109,218,068	12,062,166	8,686,362
Ohio.....	19	705,792,131	339,698	285,729,331	59,878,045	32,255,221
Indiana.....	11	124,465,226	206,709	56,536,174	12,415,348	8,309,807
Illinois.....	6	87,218,766	129,186	42,133,178	9,539,346	5,496,127
Kentucky.....	1	116,616,325	118,953	17,253,897	2,631,076	1,504,615
Missouri.....	1	511,035,000	351,189	28,409,635	3,566,176	1,333,793
District of Columbia.....	1	113,358,023	131,700	3,806,230	319,517	114,946
Virginia.....	1	16,584,114	20,929	10,877,006	2,097,904	1,168,311
Total.....	65	\$2,743,495,031	2,921,109	\$672,086,607	\$118,150,709	\$72,699,763

Besides the above, this road has connections all through the East and West, and as before stated reaches very nearly every State in the Union.

The second great trunk line which renders Wheeling a city of so much importance is the PITTSBURGH, CINCINNATI & ST. LOUIS RAILWAY. Although the main line of this road does not centre here, a branch—the Pittsburgh, Wheeling & Kentucky—connects Wheeling with the main stem and through it to six great States, and thirty-one counties of said States, the value of which is shown in the following table:

STATES.	Counties.	Cash value of Personal and Real Estate, 1870.	Population 1870.	Cash value Farms, 1870.	Cash value Farm Products, 1870.	Cash value Live Stock, 1870.
Pennsylvania.....	1	\$ 69,288,390	48,183	\$ 39,015,600	\$ 4,526,239	\$6,068,665
West Virginia.....	2	4,060,127	4,363	2,317,814	547,055	248,840
Ohio.....	13	425,885,906	172,865	200,451,673	35,852,054	22,121,965
Indiana.....	9	233,819,990	266,056	105,025,363	16,612,261	12,400,111
Illinois.....	6	88,307,356	123,316	42,573,200	10,515,962	6,084,888
Missouri.....	1	511,035,000	351,189	28,409,635	3,566,187	1,333,793
Total.....	31	\$1,332,696,763	1,276,312	\$417,796,285	\$71,420,017	\$46,097,572

This route, by its connection with the COLUMBUS, CHICAGO & INDIANA CENTRAL, reaches eleven other counties in Indiana other than those in the table above, which had, in 1870, a population of 134,025; personal and real estate to the value of \$99,221,323; farms of a cash value of \$55,476,850; producing farm products to the value of \$11,657,183; and live stock worth \$8,782,511. By its connection with the TOLEDO, PEORIA & WABASH RAILROAD, nine more counties, other than those previously given, and reached direct, having in 1870, a population of 262,118; with personal and real estate of the cash value of \$176,582,022; with farms of a cash value of \$108,350,561; yielding farm products worth, at cash valuation, \$23,825,592; and with live stock worth \$19,850,000 cash.

The CLEVELAND & PITTSBURGH RAILROAD runs through four counties in Ohio, having a population of 220,987; a cash value of real and personal estate of \$195,703,000; with farms of \$75,939,385 cash value; yielding \$10,521,143 of products, and having \$7,041,313 of live stock.

These statistics are those of the census of 1870, nine years ago. With two trunk lines running their daily trains through such immense wealth, it needs not much comment to show the value of Wheeling's railway system as a sustainer of her

business and a promoter of her growth. When to these is added that of the balance of the contemplated railroads, it is evident that Wheeling's continued prosperity—with a railway system giving access to such wealth, in addition to the other enormous sums shown by the census of 1870 to lie along the course of her accessible rivers—can be a subject for no doubt, however, it may be temporarily affected by those periodical depressions of business to which the country has been subject.

There are several minor roads running out of Bellaire whose future is yet undeveloped. Among these is the Bellaire & Southwestern, whose line will soon be completed to Woodfield, Ohio, thus giving to Wheeling a new outlet to central Ohio.

Of the various projected roads, it is not requisite here to speak; as of their routes or their trade statistics no data could be given. That several of these will hereafter add to the railroad facilities of Wheeling, is one of the certainties of the city's future.

This brief exposition that is here given of Wheeling's railway system shows its power. Its lines reaches to the East, Northeast, Southeast, South, West, Northwest and North; it reaches the great seaports of the Atlantic coast with a singular directness and force; it lays hold on the great lakes as strongly; it reaches into and covers the West with a wonderful grasp, and, as shown, lays a similar broad hand on the South. This presentation of Wheeling as a railway center, suggests at once a greatness for the city, increasing with the products and wants of the greater portion of the Union.



RATES OF FREIGHT WEST BY B. & O. R. R. **IN CENTS PER 100 LBS. FROM BELLAIRE, O., WHEELING AND** **MOUNDSVILLE, W. VA.**

To	1st. Class.	2d. Class.	3d. Class.	4th Class.	5th Class. Car Loads	Nails in Car Loads Per Kg.
Akron, O.....	32	25	20	12	10	10
Albion, Mich.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Algona, Iowa.....	150	129	97	50	32	32
Alida, Ind.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Allegan, Mich.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Altamont, Ill.....	65	50	40	30	23	23
Alton, Ill.....	65	55	40	30	25	25
Alexandria, Ind.....	50	40	28	20	18	18
Anderson, Ind.....	50	40	28	18	15	15
Ann Arbor, Mich.....	57	45	33	23	19	19
Appleton, Wis. }	88	72	55	40	25	25
Appleton June., Wis. }						
Ashland, Ill.....	65	55	40	30	25	25
Athens, O.....	45	35	23	17	15	15
Atlanta Ill.....	75	60	46	32	27	27
Atlantic, Iowa.....	110	110	90	70	50	50
Auburn Junction, Ind.....	45	35	25	18	15	15
Austin, Minn.....	150	129	95	70	47 ¹ / ₂	47 ¹ / ₂
Avilla, Ind.....	45	35	25	18	15	15
Avoca, Iowa.....	110	110	90	70	50	50
Bangor, Wis.....	118	98	79	50	46	46
Bunker's, Mich.....	45	35	25	18	15	15
Battle Creek, Mich.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Bay City, Mich.....	50	40	30	22	17 ¹ / ₂	17 ¹ / ₂
Beardstown, Ill.....	65	55	40	30	25	25
Bellefontaine, O.....	40	30	25	17	14	14
Belleville Ont.....	108	83	62	40	35	35
Beloit, Wis.....	92	75	60	45	35	35
Bement, Ill.....	65	50	40	30	23	23
Berlin, Ont.....	76	57	45	32	27	27
Bertin, Wis.....	95	76	59	44	34	34
Bloomington, Ill.....	65	50	40	30	23	23
Rosobel, Wis.....	117	97	78	58	45	45
Bowmanville, Ont.....	98	73	56	40	31	31
Braunton, Ont.....	82	62	49	35	30	30
Bramford, Ont.....	76	57	45	32	27	27
Brockville, Ont.....	112	85	64	43	38	38
Brookheads, Wis.....	106	83	67	53	37	37
Budala, N. Y.....	50	35	28	20	15	15
Burgoon, O.....	40	30	23	15	12 ¹ / ₂	12 ¹ / ₂
Burlington, Iowa.....	70	60	45	30	25	25
Burnett, Wis.....	90	72	57	41	32	32
Butler, Ind.....	45	35	25	18	15	15
Bushnell, Ill.....	106	86	64	44	34 ¹ / ₂	34 ¹ / ₂
Calro, Ill.....	65	55	40	30	25	25
Cambridge, O.....	35	30	23	15	12	12
Cambridge City, Ind.....	50	40	25	18	15	15
Cameron, Mo.....	102	82	64	41	31	31
Camp Point, Ill.....	70	60	45	30	25	25
Canton, Ill.....	91	75	54	39	31	31
Carey, O.....	40	30	25	18	14	14
Carver, Minn.....	130	102	80	57	42	42
Cassopolis, Mich.....	50	40	30	20	17	17 ¹ / ₂
Cedar Rapids, Iowa.....	100	80	65	45	35	35
Celina, O.....	45	35	25	20	15	15
Centerville, Iowa.....	110	90	70	50	35	35
Champaign, Ill.....	65	50	37	26	21	21
Chapin, Ill.....	65	55	40	30	24	24
Charlotte, Mich.....	40	30	20	15	12 ¹ / ₂	12 ¹ / ₂
Chaska, Minn.....	120	101	79	56	41	41
Chatfield, Minn.....	115	120	90	65	44	44
Chatham, Ont.....	75	64	51	37	32	32
Chester, Wis.....	90	72	57	41	32	32
Chicago, Ill.....	50	40	30	20	15	15
Chillicothe, O.....	45	35	23	17	15	15
Cincinnati, O.....	45	35	23	17	15 ¹ / ₂	15 ¹ / ₂
Circleville, O.....	45	35	23	17	15	15
Cleveland, O.....	32	25	20	12	10	10
Clinton, Iowa.....	100	80	60	40	27 ¹ / ₂	27 ¹ / ₂
Clinton, Ill.....	65	50	40	30	24	24

RATES OF FREIGHT WEST BY B. & O. R. R.—Continued.

TO	1st Class.	2d Class.	3d Class.	4th Class.	4th Class Car Loads	Nails n Car Loads Per Keg.
Clinton, Ont.	86	64	51	37	32	32
Clinton Junction, Wis.	90	73	58	43	33	33
Coburg, Ont.	98	73	56	36	31	31
Columbia City, Ind.	45	35	25	18	15	15
Columbus, O.	40	30	23	15	12	12
Columbus Junction, Iowa.	100	80	65	47	35	35
Connersville, Ind.	50	40	25	18	15	15
Cornwall, Ont.	112	85	64	43	38	35
Crawfordsville, Ind.	60	48	32	23	19	19
Danville Ill.	62	49	35	25	20	20
Dayton, O.	72	58	45	32 $\frac{1}{2}$	25	25
Dakota, Minn.	120	95	75	55	30	30
Dayton, O.	45	35	25	15	12 $\frac{1}{2}$	12 $\frac{1}{2}$
Decatur, Ill.	65	50	40	30	23	23
Decorah Iowa.	145	120	95	68	45	45
Defiance, O.	45	35	25	18	15	15
Delavan, Ill.	65	55	40	30	25	25
Delaware, O.	40	30	23	18	14	14
Denver, Ind.	48	38	28	20	17	17
De Pere, Wis.	83	68	55	39	25	25
Deshler, O.	45	35	25	18	15	15
Des Moines, Iowa.	115	85	65	45	35	35
Detroit, Mich.	40	30	25	15	12 $\frac{1}{2}$	12 $\frac{1}{2}$
Detroit, Mich., Lake and Rail.	35	25	20	13	10 $\frac{1}{2}$	10 $\frac{1}{2}$
Dubuque, Iowa.	100	80	60	40	27 $\frac{1}{2}$	27 $\frac{1}{2}$
Dunkirk, N. Y.	50	35	28	20	15	15
Dunbith, Ill.	100	80	60	40	27 $\frac{1}{2}$	27 $\frac{1}{2}$
East Saginaw, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
East St. Louis, Ill.	65	55	40	30	25	25
Eaton Rapids, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Edlyville, Iowa.	105	85	65	47	40	40
Edgewood, Ill.	68	53	42	30	24	24
Elkington, Ill.	65	50	40	30	25	25
Elkhart, Ind.	55	45	35	30	25	25
Evansville, Ind.	63	51	35	26	23	23
Fairfield, Iowa.	102	82	65	47	40	40
Fairbault, Minn.	150	128	97	70	47 $\frac{1}{2}$	47 $\frac{1}{2}$
Farmer City, Ill.	65	50	40	30	25	25
Farmersburg, Mich.	55	45	35	25	20	20
Findlay, O.	40	30	25	18	14	14
Find, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Fond du Lac, Wis.	90	72	57	41	27	27
Forest, O.	40	30	25	18	14	14
Fort Atkinson, Wis.	86	70	54	40	31	31
Fort Erie, Ont.	76	64	42	29	24	24
Fort Howard, Wis.	83	68	55	39	25	25
Fort Howard June, Wis.						
Fort Madison, Iowa.	75	65	50	35	28	28
Fort Wayne, Ind.	45	35	25	18	15	15
Fostoria, O.	40	30	25	18	14	14
Freeport, Ill.	100	85	70	50	32 $\frac{1}{2}$	32 $\frac{1}{2}$
Freeport, O.	90	70	55	40	30	30
Freeport, Neb.	124	88	65	45	35	35
Freeport, Minn.	125	100	75	55	40	40
Fulton, Ill.	100	80	60	40	27 $\frac{1}{2}$	27 $\frac{1}{2}$
Galesburg, Ill.	100	80	60	40	27 $\frac{1}{2}$	27 $\frac{1}{2}$
Gallien, O.	40	30	23	15	12	12
Galt, Ont.	72	53	42	30	25	25
Gales, Ill.	85	70	50	37	31	31
Gambier, O.	40	30	23	18	15	15
Gannanoque, Ont.	112	85	64	43	38	38
Ganeseo, Ill.	90	73	57	45	35	35
Goderich, Ont.	77	65	45	32 $\frac{1}{2}$	27 $\frac{1}{2}$	27 $\frac{1}{2}$
Goshen, Ind.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Grand Crossing, Minn.	120	100	75	55	30	30
Grand Haven, Mich.	55	45	35	25	20	20
Grand Rapids, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Grand Bay, Wis.	83	68	55	38	25	25
Greencastle, Ind.	60	48	29	21	17	17
Greenville, O.	45	35	25	17	15	15
Griffin, Ill. Iowa.	120	100	85	60	45	45
Grenph, Ont.	72	53	42	30	25	25
Hagerstown, Ind.	50	40	25	18	15	15

RATES OF FREIGHT WEST BY B. & O. R. R.—Continued.

TO	1st	2d	3d	4th	4th	Nails
	Class.	Class.	Class.	Class.	Class	in Car
					Loads	Per
					Car	Reg.
					Loads	
Hamilton, O.....	50	40	25	19	16	16
Hamilton, Ont.....	72	53	42	30	25	25
Hannibal, Mo.....	70	60	45	30	25	25
Haskell's Ind.....	60	45	35	25	20	20
Hastings, Minn.....	125	100	75	55	30	30
Havana, Ill.....	65	55	40	30	22½	22½
Henderson, Ky.....	90	70	65	48	38	38
Hillsdale, Mich.....	45	35	25	18	15	15
Holland, Mich.....	55	45	35	25	20	20
Holly, Mich.....	50	40	30	20	17½	17½
Homer, Mich.....	50	40	30	20	17½	17½
Hoopeston, Ill.....	62	49	35	25	20	20
Horicon, Wis.....	90	72	57	41	32	32
Hudson, Wis.....	114	87	70	50	32½	32½
Honover, Wis.....	93	75	60	45	35	35
Indianapolis, Ind.....	50	40	25	18	15	15
Indianola, Iowa.....	125	95	70	55	41	41
Iowa City, Iowa.....	105	85	65	47	40	40
Jackson, Mich.....	45	35	25	18	15	15
Jacksonville, Ill.....	65	55	40	30	25	25
Janesville, Wis.....	86	70	54	40	31	31
Jefferson City, Mo.....	103	85	67	50	40	40
Jeffersonville, Ind.....	58	46	30	20	17	17
Jefferson, Wis.....	86	70	54	40	31	31
Joliet, Ill.....	58	46	35	24	18	18
Jonesboro, Ind.....	50	40	30	23	18	18
Jonesville, Mich.....	45	35	25	18	15	15
Junction City Ohio.....	45	35	25	17	15	15
Kalamazoo, Mich.....	50	40	30	20	17½	17½
Kasota, Minn.....	140	115	90	65	47½	47½
Kaukauna, Wis.....	88	72	55	40	25	25
Kellogg, Minn.....	120	100	75	55	30	30
Kendallville, Ind.....	45	35	25	18	15	15
Kenosha, Wis.....	55	45	35	25	19	19
Keokuk, Iowa.....	70	60	45	30	25	25
Kingston, Ont.....	108	83	62	40	35	35
Knoxville, Iowa.....	105	85	65	47	40	40
Kokomo, Ind.....	48	38	28	20	17	17
La Crosse, Ind.....	50	40	30	20	17½	17½
La Crosse, Wis.....	120	95	75	55	30	30
Lafayette, Ind.....	50	40	30	20	17½	17½
Lake City, Minn.....	125	100	75	55	30	30
Lamoille, Minn.....	120	95	75	55	30	30
Lancaster, O.....	45	35	25	17	15	15
Langdon, Minn.....	125	100	75	55	30	30
Lansing, Iowa.....	120	95	75	55	30	30
Lansing, Mich.....	50	40	30	20	17½	17½
La Peer, Mich.....	50	40	30	20	17½	17½
La Porte, Ind.....	50	40	30	20	17½	17½
La Salle, Ill.....	76	63	50	35	27	27
Lima, O.....	45	35	25	17	15	15
Lincoln, Ill.....	65	50	40	30	23	23
Lincoln, Neb.....	130	110	80	55	45	45
Litchfield Ill.....	65	55	40	30	25	25
Little Chute, Wis.....	88	72	55	40	25	25
Little Kaukauna, Wis.....	83	68	55	39	25	25
Logansport, Ind.....	48	38	28	20	17	17
London, Ont.....	80	60	47	31	29	29
Louisiana, Mo.....	70	60	45	30	25	25
Louisville, Ky.....	60	48	32	22	19	19
Ludington, Mich.....	55	45	35	25	20	20
Lyle, Minn.....	140	114	91	62	51	51
Lyons, Iowa.....	100	80	60	40	27½	27½
Madison, Ind.....	58	46	30	20	17	17
Madison, Wis.....	100	82	65	50	39	39
Manchester, Mich.....	45	35	25	18	15	15
Manitowoc, Wis.....	74	61	45	33	25	25
Mankato, Minn.....	140	114	90	65	47½	47½
Man-field, O.....	40	30	23	15	12	12
Marco, Ind.....	77	61	49	41	36	36
Marietta, O.....	45	35	25	17	15	15
Marinette, Wis.....	90	75	60	44	34	34
Marion, Ind.....	48	38	28	20	17	17

RATES OF FREIGHT WEST BY B. & O. R. R.—Continued.

TO	1st Class.	2d Class.	3d Class.	4th Class.	4th Class Car Loads	Nails in Car Loads Per Keg.
Marion, O.....	40	30	23	15	12	12
Marshallton, Iowa.....	120	100	85	60	35	35
Mason City, Ill.....	65	55	40	30	25	25
Mason City, Iowa.....	145	117	94	66	50	50
Matoon, Ill.....	62	49	35	25	20	20
McGregor, Iowa.....	120	95	75	55	30	30
Memphis, Tenn.....	90	70	50	34	29	29
Menasha, Wis.....	88	72	55	40	25	25
Menominee, Mich.....	90	75	60	44	34	34
Merico, Mo.....	105	80	63	46	38	38
Michigan, City, Ind.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Milford Center, O.....	15	35	25	17	15	15
Milford Junction, Ind.....	48	38	28	20	17	17
Milton June, Wis.....	92	75	60	45	35	35
Milwaukee, Wis.....	55	45	35	25	19	19
Minier, Ill.....	75	60	46	32	27	27
Minneapolis, Minn.....	110	85	65	45	30	30
Minnesota June, Wis.....	90	72	57	41	32	32 ¹ / ₂
Minneiska, Minn.....	120	100	75	55	30	30
Mishawaka, Ind.....	50	40	30	20	17 ¹ / ₂	17
Mitchell, Ont.....	82	62	49	35	30	30
Mobile, Ala.....	100	80	70	44	39	39
Moline, Ill.....	72	58	45	32 ¹ / ₂	25	25 ¹ / ₂
Monmouth, Ill.....	114	94	74	54	39	39
Monroe, Mich.....	40	30	25	15	12 ¹ / ₂	12 ¹ / ₂
Monroe, Wis.....	100	80	65	50	39	39
Monroeville, O.....	40	30	25	15	12 ¹ / ₂	12
Montreal, Que.....	118	88	66	43	36	36
Mount Pulaski, Ill.....	65	50	40	30	23	23
Mount Vernon, O.....	40	35	23	18	14	14
Muncie, Ind.....	50	40	25	18	15	15
Muscatine, Iowa.....	75	60	45	32 ¹ / ₂	25	25
Muskegon, Mich.....	55	45	35	25	20	20
Minster, O.....	45	35	25	20	15	15
Napauee, Ont.....	108	83	62	40	35	35
Nashville, Tenn.....	75	60	45	31	26	26
Nebraska City, Neb.....	140	115	85	55	45	45
Neenah, Wis.....	88	72	55	40	25	25
New Albany, Ind.....	60	48	32	22	19	19
Newark, O.....	35	30	23	15	12	12
New Castle, Ind.....	50	40	25	18	15	15
New Orleans, La.....	110	85	75	49	44	44
Northfield, Minn.....	140	120	97	70	47 ¹ / ₂	47 ¹ / ₂
North Manchester, Ind.....	48	38	28	20	17	17
Oakton, Wis.....	87	72	58	42	33	33
Omar, Wis.....	93	76	59	44	34	34
Oshkosh, Wis.....	93	76	59	44	25	25
Oskaloosa, Iowa.....	105	85	65	47	40	40
Otis, Ind.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Ottawa, Ill.....	74	61	48	34	25	25
Ottumwa, Iowa.....	89	72	55	39	28 ¹ / ₂	28 ¹ / ₂
Owatonna, Minn.....	140	115	90	65	47 ¹ / ₂	47 ¹ / ₂
Owasso, Mich.....	85	65	55	48	38	38
Paducah, Ky.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Pana, Ill.....	65	55	40	30	25	25
Paris, Ill.....	65	50	40	30	23	23
Paris, Ont.....	62	49	35	25	20	20
Paxton, Ill.....	76	57	45	32	27	27
Pekin, Ill.....	62	49	35	25	20	20
Pella, Iowa.....	60	50	35	25	21	21
Peoria, Ill.....	105	85	70	55	45	45
Pern, Ill.....	60	50	35	25	21	21
Pern, Ind.....	76	63	50	35	27	27
Peshigo, Wis.....	48	38	28	20	17	17
Petersburg, Ill.....	89	74	59	43	33	33
Piqua, O.....	65	55	40	30	25	25
Plainview, Minn.....	45	35	25	17	15	15
Plainwell, Mich.....	135	110	85	60	41	41
Platte City, Mo.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
Plattsburg, Mo.....	102	82	61	41	31	31
Plymouth, Ind.....	102	82	61	41	31	31
Plymouth, Mich.....	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂
	50	40	30	20	17 ¹ / ₂	17 ¹ / ₂

RATES OF FREIGHT WEST BY B. & O. R. R.—Continued.

To	1st Class.	2d Class.	3d Class.	4th Class.	4th Class Car Loads	Nails in Car Loads Per Keg.
Point Levi, Que.	138	103	76	56	51	51
Portage, Wis.	100	82	65	50	39	39
Port Colbourne, Ont.	61	47	38	27	22	22
Port Hope, Ont.	98	73	56	36	31	31
Port Huron, Mich.	50	40	30	25	20	20
Portsmouth, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Portsmouth, O.	45	35	25	17	15	15
Port Washington, Wis.	74	61	45	33	25	25
Postville, Iowa.	133	109	85	60	42	42
Prairie du Chien, Wis.	120	95	75	55	39	39
Prescott, Ont.	112	85	64	43	38	38
Princeton, Mo.	115	95	75	55	46	46
Quebec, Que.	138	103	76	62	57	57
Quincy, Ill.	70	60	45	30	25	25
Read's Landing, Minn.	125	100	75	55	39	39
Racine, Wis.	55	45	35	25	19	19
Racine Junction, Wis. }						
Red Wing, Minn.	125	100	75	55	39	39
Reed City, Mich.	55	45	35	25	20	20
Redwood Falls, Minn.	160	135	100	70	55	55
Richmond, Ind.	50	40	25	18	15	15
Ripon, Wis.	90	72	57	41	32	32
Rochester, Minn.	135	110	85	60	40	40
Rock Island, Ill.	72	58	45	32 $\frac{1}{2}$	25	25
Saginaw, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Saint Louis, Mo.	70	60	45	30	25	25
Saint Mary's O.	45	35	25	17	15	15
Saint Mary's Ont.	79	59	46	33	28	28
Saint Paul, Minn.	110	85	65	45	30	30
Saint Peter, Minn.	140	115	90	65	47 $\frac{1}{2}$	47 $\frac{1}{2}$
Salem, Wis.	119	99	80	60	45	45
Sandusky, O.	40	30	25	15	12 $\frac{1}{2}$	12 $\frac{1}{2}$
Sarnia, Ont.	86	64	51	37	32	32
Schoolcraft, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Seaforth, Ont.	86	64	51	37	32	32
Shakopee, Minn.	130	103	81	58	43	43
Sharon, Wis.	90	73	58	43	33	33
Sheboygan, Wis.	74	61	45	33	25	25
Shelby, Ohio.	40	30	23	18	14	14
Sidney, O.	45	35	25	17	15	15
Sigourney, Iowa.	105	85	65	47	40	40
Sioux City, Iowa.	150	115	90	65	50	50
South Bend, Ind.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
South Chicago, Ill.	50	40	30	20	15	15
Sparta, Wis.	117	97	78	58	45	45
Springfield, Ill.	65	55	40	30	25	25
Springfield, O.	45	35	25	15	12 $\frac{1}{2}$	12 $\frac{1}{2}$
State Line, Ill.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Stillwater, Minn.	110	85	65	45	30	30
Stillwell, Ind.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Stratford, Ont.	76	57	45	32	27	27
Sturgis, Mich.	45	35	25	18	16	16
Taylorville, Ill.	65	55	40	30	25	25
Terre Haute, Ind.	60	48	29	21	17	17
Three Rivers, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Tiffin, O.	40	30	25	15	12 $\frac{1}{2}$	12 $\frac{1}{2}$
Toledo, O.	40	30	25	15	12 $\frac{1}{2}$	12 $\frac{1}{2}$
Tolono, Ill.	65	50	37	26	21	21
Tomah, Wis.	111	93	75	57	45	45
Toronto, Ont.	80	60	47	34	29	29
Tower Hill, Ill.	65	50	40	30	23	23
Traverse City, Mich.	75	60	48	35	31 $\frac{1}{2}$	31 $\frac{1}{2}$
Trenton, Mo.	118	98	78	57	47	47
Troy, O.	57	44	32	24	20	20
Tuscola, Ill.	65	50	37	26	21	21
Two Rivers, Wis.	74	61	45	33	25	25
Union City, Ind.	45	35	25	18	15	15
Upper Sandusky, O.	40	30	25	18	14	14
Urbana, Ill.	65	50	37	26	21	21
Urbana, O.	45	35	25	17	15	15
Valparaiso, Ind.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$
Vandalia, Ill.	65	50	40	30	23	23
Vicksburg, Mich.	50	40	30	20	17 $\frac{1}{2}$	17 $\frac{1}{2}$

RATES OF FREIGHT WEST BY B. & O. R. R.—Continued.

TO	1st Class.	2d Class.	3d Class.	4th Class.	4th Class Car Loads	Nails in Car Loads Per Keg.
Vincennes, Ind.	63	50	35	24	21	21
Virginia, Ill.	65	55	40	30	25	25
Wabash, Ind.	48	38	28	20	17	17
Wabasha, Minn.	125	100	75	55	30	30
Wakerton, Ind.	50	40	30	20	17½	17½
Wanatah, Ind.	50	40	30	20	17½	17½
Warsaw, Ill.	70	60	45	30	25	25
Warsaw, Ind.	48	38	28	20	17	17
Waseca, Minn.	140	115	90	65	47½	47½
Washington, Ill.	81	67	49	36	32	32
Washington, Iowa	105	85	65	47	40	40
Washington C. H., O.	45	35	25	17	15	15
Washington Heights, Ill.	50	40	30	20	17½	17½
Waterloo, Ind.	45	35	25	18	15	15
Watertown, Wis.	80	65	50	37	29	29
Waupun, Wis.	90	72	57	41	32	32
Weaver, Minn.	120	100	75	55	30	30
Wellsboro, Ind.	50	40	30	20	17½	17½
Wenona, Mich.	50	40	30	20	17½	17½
West Liberty, Iowa	100	80	65	47	35	35
Weston, Ont.	82	62	49	35	30	30
West Salem, Wis.	119	99	80	60	47	47
Whitby, Ont.	98	78	56	36	31	31
Whitewater, Wis.	90	73	57	43	33	33
Winchester, Ind.	50	40	25	18	15	15
Windsor, Ill.	65	50	40	30	23	23
Winneconne, Wis.	93	76	59	44	34	34
Winona, Minn.	120	95	75	55	30	30
Winterset, Iowa	130	97	72	57	45	45
Wyandotte, Mich.	40	30	25	15	12½	12½
Xenia, O.	45	35	25	17	15	15
Ypsilanti, Mich.	50	40	30	20	17½	17½
Zanesville, O.	40	30	23	15	12	12
Zumbrota, Minn.	140	115	90	65	41	41

RATES OF TRANSPORTATION EAST BY B. & O. R. R.

BETWEEN WHEELING, W. VA., AND		GENERAL MER- CHANDISE. per 100 lbs.				SPECIAL CLASS RATES. IN CAR LOADS. OWNERS TO LOAD AND UNLOAD.					
		1st Class.	2d Class.	3d Class.	4th Class.	Live Stock esti- mated weights per 100 lbs.	Flour, 100 bbl. Lots, per bbl	Grain per 100 lbs.	Class A, per 100 lbs.	Class B, per 100 lbs.	Class C, per 100 lbs.
		cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
Baltimore.....	Md.	78	68	50	34	30	50	25	22½	21	20
Relay Station.....	"	78	68	50	34	30	50	25	22½	21	20
Avalon.....	"	78	68	50	34	30	50	25	22½	21	20
Orange Grove.....	"	78	68	50	34	30	50	25	22½	21	20
Hechester.....	"	78	68	50	34	30	50	25	22½	21	20
Ellicott City.....	"	78	68	50	34	30	50	25	22½	21	20
Elysville.....	"	78	68	50	34	30	50	25	22½	21	20
Dorsey's Run.....	"	78	68	50	34	30	50	25	22½	21	20
Putney & Riddle.....	"	78	68	50	34	30	50	25	22½	21	20
Woodstock.....	"	78	68	50	34	29	50	25	22½	21	20
Marriottsville.....	"	78	68	50	34	29	50	25	22½	21	20
Sykesville.....	"	78	68	50	34	29	50	25	22½	21	20
Hood's Mill.....	"	78	68	50	34	28	50	25	22½	21	20
Morgan's.....	"	78	68	50	34	28	50	25	22½	21	20
Woodbine.....	"	78	68	50	34	28	50	25	22½	21	20
Watersville.....	"	78	68	50	34	28	50	25	22½	21	20
Mount Airy.....	"	78	68	50	34	28	50	25	22½	21	20

RATES OF TRANSPORTATION EAST BY THE B. & O. R. R.—Continued.

BETWEEN WHEELING, W. VA. AND		GENERAL MER- CHANDISE. per 100 lbs.				SPECIAL CLASS RATES. IN CAR LOADS ONLY. OWNERS TO LOAD AND UN- LOAD.					
		1st Class.	2d Class.	3d Class.	4th Class.	Live Stock esti- mated weights per 100 lbs.	Flour, per bbl. 100 lbs.	Grain, per bbl. 100 lbs.	Class A, per 100 lbs.	Class B, per 100 lbs.	Class C, per 100 lbs.
		cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
Plane No. 1.....	Md.	72	68	50	34	27	50 25	22 ¹ / ₂	21	20	20
Monrovia.....	"	72	68	50	34	27	50 25	22 ¹ / ₂	21	20	20
Ijamsville.....	"	72	68	50	34	27	50 25	22 ¹ / ₂	21	20	20
Frederick Junction.....	"	72	67	49	34	27	50 25	22 ¹ / ₂	21	20	20
Lime Kiln.....	"	76	66	48	34	27	48 24	22	21	20	20
Buckeystown.....	"	76	66	48	34	27	48 24	22	21	20	20
Adamstown.....	"	76	66	48	33	27	48 24	22	21	20	20
Washington Junction.....	"	76	66	48	33	26	48 24	22	21	20	20
Point of Rocks.....	"	76	66	48	33	26	48 24	22	21	20	20
Catoctin.....	"	76	66	48	33	25	46 23	21	20	19	19
Berlin.....	"	76	66	48	32	25	46 23	21	20	19	19
Knoxville.....	"	75	65	47	32	25	46 23	21	20	19	19
Weyerton.....	"	75	65	47	32	25	46 23	21	20	19	19
Sandy Hook.....	"	75	65	47	32	25	46 23	21	20	19	19
Harper's Ferry.....	W. Va	75	65	47	32	25	46 23	21	20	19	19
Duffields.....	"	75	65	47	32	25	46 23	21	20	19	19
Kernersville.....	"	75	65	47	32	25	46 23	21	20	19	19
Vanhooksville.....	"	74	64	46	31	25	45 22 ¹ / ₂	20	19	18	18
Martinsburg.....	"	73	63	45	30	25	45 22 ¹ / ₂	20	19	18	18
North Mountain.....	"	73	62	45	30	25	45 22 ¹ / ₂	20	19	18	18
Cherry Run.....	"	70	60	45	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Sleepy Creek.....	"	70	60	45	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Hancock.....	Md.	68	58	45	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Round Top.....	W. Va	68	58	45	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Sir John's Run.....	"	66	56	45	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Great Cacapon.....	"	66	56	45	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Orleans Road.....	"	64	54	44	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
Due Gully.....	"	64	54	44	30	24	44 22	20	18	17 ¹ / ₂	17 ¹ / ₂
No. 12 Water Station.....	"	63	53	43	30	23	42 21	19	17 ¹ / ₂	17	17
Paw Paw.....	"	63	53	43	30	23	42 21	19	17 ¹ / ₂	17	17
Little Cacapon.....	"	63	53	43	30	23	42 21	19	17 ¹ / ₂	17	17
Okonoko.....	"	62	52	42	30	23	42 21	19	17 ¹ / ₂	17	17
French's.....	"	62	52	42	30	23	42 21	19	17 ¹ / ₂	17	17
Green Spring.....	"	62	52	42	30	23	42 21	19	17 ¹ / ₂	17	17
Patterson's Creek.....	"	62	52	42	30	23	42 21	19	17 ¹ / ₂	17	17
North Branch.....	"	60	50	40	28	22 ¹ / ₂	40 20	18	17	16	16
Cumberland.....	Md	60	50	40	28	22 ¹ / ₂	40 20	18	17	16	16
Brady's.....	"	58	48	40	28	22 ¹ / ₂	40 20	18	17	16	16
Rawling's.....	"	57	47	40	27	22	40 20	18	17	16	16
Black Oak.....	"	56	46	40	27	22	40 20	18	17	16	16
21st Bridge.....	"	55	45	40	27	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Keys.....	W. Va	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Pichmont.....	"	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Bloomington.....	Md.	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Frankville.....	"	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Swanton.....	"	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Wilson's.....	"	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Altamont.....	"	55	45	40	26	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Deer Park.....	"	55	45	38	25	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Oakland.....	"	55	45	37	25	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Lloyd's.....	"	54	44	36	25	21	40 20	17 ¹ / ₂	16 ¹ / ₂	15	15
Hutton's.....	W. Va	53	43	35	25	20	38 19	17	16	14 ¹ / ₂	14 ¹ / ₂
Cranberry.....	"	52	42	34	25	20	38 19	17	16	14 ¹ / ₂	14 ¹ / ₂
Rodemer's.....	"	51	40	33	25	20	38 19	17	15 ¹ / ₂	14	14
Bradshaw.....	"	50	40	33	25	20	38 19	17	15 ¹ / ₂	14	14
Rowlesburg.....	"	48	39	33	24	19	36 18	17	15	13	13
Anderson.....	"	47	38	32	24	19	36 18	17	14 ¹ / ₂	12 ¹ / ₂	12 ¹ / ₂
Tunnelton.....	"	46	36	31	24	19	36 18	17	14 ¹ / ₂	12 ¹ / ₂	12 ¹ / ₂
Austin Mines.....	"	45	36	30	23	19	36 18	16	14	12	12
Newburg.....	"	44	35	30	23	19	34 17	16	13 ¹ / ₂	11 ¹ / ₂	11 ¹ / ₂
Independence.....	"	44	35	30	23	19	34 17	16	13 ¹ / ₂	11 ¹ / ₂	11 ¹ / ₂

RATES OF TRANSPORTATION EAST BY THE B. & O. R. R—Continued.

BETWEEN WHEELING, W. VA., AND	GENERAL MER- CHANDISE, per 100 lbs.				SPECIAL CLASS RATES, IN CAR LOADS ONLY, OWNERS TO LOAD AND UN- LOAD					
	1st Class.	2d Class.	3d Class.	4th Class.	Live stock esti- mated weights per 100 lbs.	Flour, 100 bbl. lots, per bbl.	Grain, per 100 lbs.	Class A, per 100 lbs.	Class B, per 100 lbs.	Class C, per 100 lbs.
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
Hardman's Switch..... W. Va.	43	35	28	23	19	34	17	16	13 ¹ / ₂	11
Ironton.....	43	35	28	23	19	34	17	16	13 ¹ / ₂	11
Westerman's.....	42	35	28	23	19	34	17	16	13 ¹ / ₂	11
Thornton.....	41	35	26	23	18	32	16	15	13	10
Granton.....	39	35	25	22	18	32	16	15	12 ¹ / ₂	10
Fetterman.....	39	35	25	22	18	32	16	15	12 ¹ / ₂	10
Valley Falls.....	36	35	24	21	17	32	16	14	12	10
Nuzum's.....	35	35	24	20	17	32	16	14	12	9 ¹ / ₂
Sand Switch.....	34	34	23	20	17	32	16	14	12	9 ¹ / ₂
Texas.....	33	33	23	20	16	30	15	13	11	9
Denton's Ferry.....	32	32	22	19	16	30	15	13	11	9
Monongahela.....	31	31	22	19	15	28	14	12 ¹ / ₂	10 ¹ / ₂	8 ³ / ₄
Fairmont.....	30	30	22	19	15	28	14	12 ¹ / ₂	10 ¹ / ₂	8 ³ / ₄
Barneville.....	30	30	22	19	15	28	14	12 ¹ / ₂	10 ¹ / ₂	8 ³ / ₄
Barra-kville.....	28	28	21	18	15	25	14	12	10	8
Gallaher's.....	27	27	21	18	15	28	14	11	9 ¹ / ₂	7 ¹ / ₂
Farmington.....	26	26	21	18	14	26	13	11	9 ¹ / ₂	7
Mannington.....	23	23	21	18	13	25	12 ¹ / ₂	10 ¹ / ₂	9	7
Glover's Gap.....	20	20	19	18	12 ¹ / ₂	25	12 ¹ / ₂	10	8 ¹ / ₂	6 ¹ / ₄
Burton.....	19	19	17	17	12 ¹ / ₂	25	12 ¹ / ₂	8	7 ¹ / ₂	6 ¹ / ₄
Littleton.....	16	16	16	16	12	20	10	8	7	5
Beard Tree.....	15	15	15	15	11	20	10	8	7	5
Belton.....	14	14	14	14	11	20	10	8	7	5
Garrett's Siding.....	13	13	13	13	11	20	10	8	7	5
Cameron.....	11	11	11	11	9	16	8	6 ³ / ₄	6	4 ³ / ₄
Lodonsville.....	10	10	10	10	9	16	8	6 ³ / ₄	5 ¹ / ₂	4 ³ / ₄
Easton's.....	9	9	9	9	8 ¹ / ₂	16	8	6 ³ / ₄	5 ¹ / ₂	4
Roseby's Rock.....	6 ¹ / ₂	6 ¹ / ₂	6 ¹ / ₂	6 ¹ / ₂	6	12	6	5	4	3
Manassasville.....	4	4	4	4	4	8	4	4	3 ¹ / ₂	2 ¹ / ₂
Benwood.....	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	3	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
Wheeling.....										
Webster.....	41	35	26	23	18	32	16	15	13	10
Shum's.....	43	35	28	23	19	34	17	16	13 ¹ / ₂	11
Flamington.....	43	35	28	23	19	34	17	16	13 ¹ / ₂	11
Tyroneville.....	44	35	30	23	19	34	17	16	13 ¹ / ₂	11 ¹ / ₂
Bridgeport.....	46	36	31	24	19	36	18	17	14 ¹ / ₂	12 ¹ / ₂
Clarksburg.....	48	39	33	24	19	36	18	17	15	13
Willsburg.....	50	40	33	25	20	38	19	17	15 ¹ / ₂	14
Coketon.....	51	41	33	25	20	38	19	17	15 ¹ / ₂	14
Wolf's Summit.....	51	41	33	25	20	38	19	17	16	14 ¹ / ₂
Brandy Gap.....	52	42	34	25	20	38	19	17	16	14 ¹ / ₂
Cherry Gap.....	52	42	34	25	20	38	19	17	16	14 ¹ / ₂
Salem.....	53	43	35	25	20	38	19	17	16	14 ¹ / ₂
Long Run.....	54	44	36	25	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Smithton.....	55	45	37	25	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
West Union.....	55	45	38	25	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Central.....	55	45	39	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Greewood.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Toll Gate.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Pennsboro.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Ellenboro.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Cornwallis.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Cairo.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Silver Run.....	55	45	40	26	21	40	20	17 ¹ / ₂	16 ¹ / ₂	15
Petrolum.....	55	45	40	27	22	40	20	18	17	15 ¹ / ₂
Laurel Fork Junction.....	56	46	40	27	22	40	20	18	17	15 ¹ / ₂
Walker's.....	57	47	40	27	22 ¹ / ₂	40	20	18	17	16
Kanawha.....	58	48	40	28	22 ¹ / ₂	40	20	18	17	16
Davisville.....	59	49	40	28	22 ¹ / ₂	40	20	18	17	16
Parkersburg.....	60	50	40	28	22 ¹ / ₂	40	20	18	17	16
Haltown.....	76	66	48	33	25	46	23	21	20	19

RATES OF TRANSPORTATION EAST BY THE B. & O. R. R—Continued.

BETWEEN
WHEELING, W. VA.,
AND

GENERAL MER-
CHANDISE,
per 100 lbs.

SPECIAL CLASS RATES,
IN CAR LOADS, OWNERS
TO LOAD AND UNLOAD.

1st Class.	2d Class.	3d Class.	4th Class.	Live Stock (std- mared weights per 100 lbs.)	Flour, 100 bbl. Lbs. per bbl.	Grain per 100 lbs.	Class A, per 100 lbs.	Class B, per 100 lbs.	Class C, per 100 lbs.
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cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
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Charlestown.....	W. Va.	26	66	48	34	26	48	24	22	21	20
Cameron.....	"	26	66	48	34	26	48	24	22	21	20
Summit Point.....	"	26	66	48	34	26	48	24	22	21	20
Wadesville.....	Va.	27	67	49	34	27	50	25	23	21	20
Stephenson's.....	"	27	68	50	34	27	50	25	23	21	20
Winchester.....	"	27	68	50	34	27	50	25	23	21	20
Kernstown.....	"	27	68	50	34	27	50	25	23	21	20
Bartonville.....	"	27	68	50	34	27	50	25	23	21	20
Newtown.....	"	27	68	50	34	27	50	25	23	21	20
Middletown.....	"	27	68	50	34	27	50	25	23	21	20
Cedar Creek.....	"	27	68	50	34	27	50	25	23	21	20
Capon Road.....	"	27	68	50	34	27	50	25	23	21	20
Strawburg.....	"	27	68	50	34	27	50	25	23	21	20
Tom's Brook.....	"	27	68	50	34	27	50	25	23	21	20
Maurertown.....	"	27	68	50	34	27	50	25	23	21	20
Woodstock.....	"	27	68	50	34	27	50	25	23	21	20
Edinburg.....	"	27	68	50	34	27	50	25	23	21	20
Mt. Jackson.....	"	27	68	50	34	27	50	25	23	21	20
Forest.....	"	27	68	50	34	27	50	25	23	21	20
New Market.....	"	27	68	50	34	27	50	25	23	21	20
Timberville.....	"	27	68	50	34	27	50	25	23	21	20
Broadway.....	"	27	68	50	34	27	50	25	23	21	20
Cowan's.....	"	27	68	50	34	27	50	25	23	21	20
Linville.....	"	27	68	50	34	27	50	25	23	21	20
Harrisonburg.....	"	27	68	50	34	27	50	25	23	21	20
Queenstown.....	Md.	27	68	50	34	27	50	25	23	21	20
Terra Cotta.....	"	27	68	50	34	27	50	25	23	21	20
Brightwood.....	"	27	68	50	34	27	50	25	23	21	20
Silver Spring.....	"	27	68	50	34	27	50	25	23	21	20
Linden.....	"	27	68	50	34	27	50	25	23	21	20
Forest Glen.....	"	27	68	50	34	27	50	25	23	21	20
Knowles.....	"	27	68	50	34	27	50	25	23	21	20
Rockville.....	"	27	68	50	34	27	50	25	23	21	20
Washington Grove.....	"	27	68	50	34	27	50	25	23	21	20
Gaithersburg.....	"	27	68	50	34	27	50	25	23	21	20
Germantown.....	"	27	68	50	34	27	50	25	23	21	20
Boyd's.....	"	27	67	49	34	27	50	25	23	21	20
Barnesville.....	"	27	66	48	34	27	48	24	22	21	20
Dickerson's.....	"	27	66	48	34	27	48	24	22	21	20
Tuscarora.....	"	27	66	48	34	27	48	24	22	21	20
Hanover.....	"	27	68	50	34	27	50	25	23	21	20
Dorsey's.....	"	27	68	50	34	27	50	25	23	21	20
Jessup's.....	"	27	68	50	34	27	50	25	23	21	20
Annapolis Junction.....	"	27	68	50	34	27	50	25	23	21	20
Savage.....	"	27	68	50	34	27	50	25	23	21	20
Laurel.....	"	27	68	50	34	27	50	25	23	21	20
Muirkirk.....	"	27	68	50	34	27	50	25	23	21	20
Amundale.....	"	27	68	50	34	27	50	25	23	21	20
Beltsville.....	"	27	68	50	34	27	50	25	23	21	20
Branchville.....	"	27	68	50	34	27	50	25	23	21	20
Paint Branch.....	"	27	68	50	34	27	50	25	23	21	20
College.....	"	27	68	50	34	27	50	25	23	21	20
Alexandria Junction.....	"	27	68	50	34	27	50	25	23	21	20
Hyattsville.....	"	27	68	50	34	27	50	25	23	21	20
Washington.....	D. C.	27	68	50	34	27	50	25	23	21	20
Bartholow's.....	Md.	26	66	48	33	25	46	23	21	20	19
Brownsville.....	"	26	66	48	33	26	48	24	22	21	20
Claggett's.....	"	26	66	48	33	26	48	24	22	21	20
Rohrersville.....	"	26	66	48	33	26	48	24	22	21	20
Eagle's Mill.....	"	26	66	48	33	26	48	24	22	21	20
Keedysville.....	"	26	66	48	33	26	48	24	22	21	20

RATES OF TRANSPORTATION EAST BY B. & O.

R. R—Continued.

BETWEEN WHEELING, W. VA., AND		GENERAL MER- CHANDISE, per 100 lbs.				SPECIAL CLASS RATES, IN CAR LOADS ONLY. OWNERS TO LOAD AND UN- LOAD.					
		1st. Class.	2d. Class.	3d. Class.	4th Class.	Live Stock esti- mated weights per 100 lbs.	Flour, 100 bbl.	Grain, per 100 lbs.	Class A, per 100 lbs.	Class B, per 100 lbs.	Class C, per 100 lbs.
		cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
Breathed's.....	Md.	76	66	49	34	27	48	24	22	21	20
Hagerstown.....	"	77	67	49	34	27	50	25	22	21	20
Bladensburg.....	"	78	68	50	34	30	50	25	22	21	20
Benning's.....	"	78	68	50	34	30	50	25	22	21	20
Uniontown.....	D. C.	78	68	50	34	30	50	25	22	21	20
Shepherd.....	Md.	78	68	50	34	30	50	25	22	21	20
Frederick.....	"	77	67	49	34	27	50	25	22	21	24

GROWTH, POPULATION, CLIMATE AND HEALTH OF WHEELING.

Frugality and industry are prominent characteristics of the inhabitants of Wheeling; consequently a large amount of conservatism is observable in all their transactions.

The industry of its population is not surpassed by that of any other city; and there is, for all the wealth of its population, fewer gentlemen of leisure than in any city of the Union.

The wealth of the city is generally distributed—a result of the frugality and industry before mentioned, as well as of the opportunities here for the accumulation of money.

The population of Wheeling, including Bellaire and Martin's Ferry, is probably 75,000. In 1810, it was 914; in 1820, 1,567; in 1830, 5,221; in 1840, it was 7,385; in 1850 it had increased to 11,391, and in 1860, 11,983. These figures do not include that part of the city lying south of Caldwell's run, though in reality it was a part of the city.

From 1817 to 1825 the city was at a stand still from effects produced by the war of 1812, between this country and Great Britain. In 1817 business throughout the country was more or less paralyzed, and Wheeling was compelled with the rest to share the dull times. In 1821 the distress appeared to have reached its height; manufactures, trade and industries were all prostrated. In May of that year the price of flour was one dollar per barrel, boards were ten dollars a thousand feet, whisky fifteen cents a gallon, sheep and calves one dollar per head. It required a bushel and a half of wheat to buy a pound of coffee, and twelve barrels of flour to purchase a yard of superfine broadcloth.

In 1825 and 1826, the city began to rally, and in 1830 she was again prospering. In 1837 she was, with other cities, retarded by the subsidence of the land speculation fever and the panic. It will, however, be observed that notwithstanding these adverse years, that from 1820 to 1830 there was a large increase in her population.

From 1840 to 1850 there was a marked increase in the population, the increase being equal to 95 per cent., or $9\frac{1}{2}$ per cent. a year. From 1850 to 1860 the increase was not quite so large, being only about 50 per cent. From 1860 to 1870 the increase was equal to not quite 52 per cent., or a little more than five per cent a year.

This denomination of the percentage of the increase upon the whole number of

the community in each decade, results not from diminished increase in numbers—yearly added—but from the greater magnitudes of the sum total of the city's population, on which the percentages are computed, and could not be otherwise, unless under some unusual aggregation of fresh population. While, as in the last decade, the actual numbers added show so large a per cent. of gain over the numbers increased in the previous decade, it is apparent there is a rapid growth even under diminished percentages on the previous population totals. The monetary troubles of 1857, and the depressions of 1860-61, naturally checked the growth of the city, but as the results of 1870 show, the effects were only temporary.

Statistics are almost prophetic in their relations to the future, and the study of them gives confidence in the deductions from their showings. When the statistics of any given thing show the original ratios of increase to have been sustained and verified from decade to decade, there is good reason to have confidence that when the same powers that have caused that increase still are operative, that what has been verified in the past, will be continued in the future.

The steady increase of the population of Wheeling during the period of seven decades, through the disasters of the peace of 1815, the bankruptcies of 1837, the monetary troubles of 1842, the national panic of 1857, and the depressions of 1860-61, from the outbreak of the rebellion, indicate clearly, that although in each decade depressing periods of business and stagnations of commerce similar to that of 1873-4-5, have occurred, yet the city as a whole, has continued to increase its population, and consequently its business, however individuals may have, in the wreck and crash of private fortunes and individual interests, sunk and been forgotten. Though the panic of 1873, and the prolonged business uncertainties of the past years have had their effect on the city's growth, it will be found in the future, as it has been in the past, that in a decade of years the ratios of growth will show no material disturbance.

Wheeling's geographical position is unchanged; her railway system as comprehensive as ever; her powers of manufacturing as great, and is on the eve of obtaining yet greater force. Her position near the head of a grand system of inland navigation will receive new strength and importance during the next decade, in that permanent improvement of the navigation of the Ohio, which has already begun. With the markets of the world opening to the manufactured products of the United States under their ability, by their power to manufacture cheaply, to compete with and in European and Asiatic nations, Wheeling will grasp her share of this new volume of trade. In the obtaining of it, in addition to that of her old markets of the South and West, and to which she is in nails, glass and other staples, rapidly adding that of the East, population will continue as heretofore to go hand in hand with her increasing production and sales. Where the statistics of the past so forcibly, through a period of seventy years, show the aggregate of population, it is reasonable to believe that the statistics of the population of Wheeling in the eighth decade will repeat what they have shown in the past seven. Why should they not, when all and more of the power that has attracted population in the past still exists? Under the preceding ratios it is not presumptions to believe that, in 1880 the census will show Wheeling and adjacent towns to have 100,000 inhabitants—and over 150,000 in 1890? From 1850 to 1860, in which occurred two periods of depression of business, in Wheeling alone over 5,000 inhabitants were added to the population of the city. From 1860 to 1870, over 8,000 people were added to the population. From 1880 to 1890, so far as human intelligence can foresee, promises to be a prosperous decade for the whole United States. The effects of the panic of 1873 are slowly wearing away. The finances of the nation are gradually adjusting themselves on a fresh basis. Capital is abundant, and with the returning confidence, will become active from its own inherent necessity, to be employed to preserve itself from decrease in its holder's hands. The manufacturers of the United States are reaching beyond their own home markets for sale of their products, and with success; and the horoscope of the decade of 1880-90, indicates enterprise, activity and development, as full of progressive results to Wheeling, as in the past.

The climate of Wheeling, has no doubt much to do with the healthfulness of the city, and its healthfulness much to do with its success as a manufacturing and commercial city. A healthful location is one of the pri-

mary conditions of a successful manufacturing community. Why, it is hardly necessary to discuss. It is apparent that strength, cheerfulness, and ability to perform unbroken labor, are three of the conditions most requisite to render fully available the skill of the mechanic, or the sinews of the workman. The position of Wheeling is peculiarly a healthy one, situated several hundred feet above the level of the ocean; nearly four hundred miles from its tide marshes; two hundred feet above the level of Lake Erie, and more than one hundred miles from its coast, the city is far enough removed from causes of disease originating in the marshes of the coasts of such large bodies of water, and near enough to feel the beneficial effects of their moisture upon the atmosphere, without the injuriousness of the greater dampness in fogs and chilliness of a nearer location.

The great heats usually occur in July, and the extreme cold in January. The winter does not generally set in with severity until the latter part of December; and in the average of seasons, the moderate temperatures of spring begin about the middle of February. Vegetation comes rapidly forward in the latter part of March and April; but there is almost invariably frost during the first ten days of May; fires are not generally dispensed with, however, until the first of June. The autumn is a delicious season in this vicinity. From the first of September, when usually the nights and mornings become slightly cool, until the last of November, a period of delightful weather prevails with a clear serene atmosphere—which acquires that peculiar hazy appearance, in October, usual to that pleasant season known as Indian summer. During the winter months the wind is generally from the northwest, and during rain storms and damp weather, from the northeast. In summer months the pleasant southwestern winds prevail, changing to southeasterly currents during rains. The average temperature is for the winter quarter 23° above zero; spring 48° ; summer 71° and Autumn about 50° above zero.

If it were not for the coal smoke, which is to strangers more objectionable than natives, there is not a pleasanter location in the United States. The scenery, which along the river is highly romantic and picturesque in its character is diversified by plain, mountain and valley; and a walk of fifteen minutes from the business centre of the city will bring the pedestrian out upon high table ground from two to three hundred feet above the level of the business portion of the city and clear of its smoke, while, as stated in the chapter in which pen pictures of Wheeling are given, there are sections of the city, altogether as free from the annoyance of smoke as any city in the Union. This smoke, however, according to the report of eminent physicians, is from the carbon, sulphur and iodine contained in it, highly favorable to lung and cutaneous diseases. The smoke is also *antiseptic*, hence the few cases of remittant and intermittent fever.

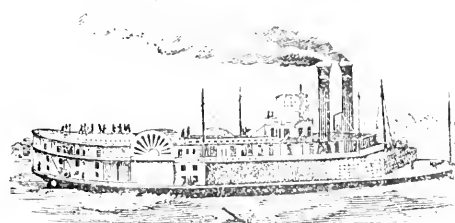
Dr. Wm. H. Denny, in his report on the health of Pittsburgh, says: "Strangers with weak lungs for a while find their lungs aggravated by the smoke; but, nevertheless, asthmatic patients have found relief in breathing it. In this account, coal is our creditor; in another way its abundance, cheapness and consequent general and profuse use by the poorest inhabitants, is undoubtedly the cause of our superior healthfulness. The low fevers so prevalent in the large cities among the poor during a hard winter, and the ague and fever so common in the eastern countries where wood is scarce, are here in a measure prevented by the universal practice of keeping good coal fires late in the spring and early in the autumn, and indeed at all seasons when the weather is damp or inclement." The above will apply with equal force to Wheeling.

BOAT BUILDING IN WHEELING.

The steamboat having had so important a place in the growth of the business of Wheeling, and the developments of the West, a limited space may be properly spared and a digression allowed from the real topic of this chapter to briefly present some facts as to the invention of steamboats.

In February, 1756, one John McKinney was taken prisoner by the Indians and imprisoned in Fort Duquesne, where Pittsburgh now stands, after being carried to Canada, from whence he made his escape to Philadelphia, gives the

following incident in his description of the fort, which is the first account, one hundred and twenty-three years ago, of the carrying trade on the Ohio. "While



OHIO RIVER STEAMBOAT.

he was in Fort Duquesne there came up the Ohio from the Mississippi, about thirty batteaux and about one hundred and fifty men, loaded with flour, pork, brandy, peas and Indian corn; they were three months coming to Fort Duquesne, and came all the way up the falls without unloading."

A diary kept by James Kinney, who was a trader at Fort

Pitt in 1761, three years after it was built on the ruins of Fort Duquesne and one hundred and eight years ago, gives the following, which we copy from the Historical Magazine for September, 1858:

"1761, 4th mo. 4th - A young man called Wm. Ramsey, has made two little boats, being square at ye stems, and joined together at ye stems by a swivel make ye two in form of one boate, but will turn round shorter than a boate of ye same length, or raise with more safety in falls, and in case of striking rocks; he has also made an engine that goes with wheels enclosed in a box to be worked by one man, by setting on ye end of ye box and treddling on treddles at bottom with his feet, sets ye wheels agoing, which work scullers or short paddles fixed over ye gunnels turning them round; ye under ones always laying hold in ye water, will make ye boate goe as if two men rowed; and he can steer at ye same time by lines like plow lines."

This is perhaps, one of those first germs of the steamboat that suggest the familiar quotation: "Coming events cast their shadows before them," and render it a subject of so much controversy as to when and by whom the first initial idea of a steamboat was conceived.

This was twenty-five years before either James Rumsey, of Berkeley county, Virginia, succeeded in propelling his "*plying boat*," as it was called by the people, against the current of the Potomac at Shepherdstown by steam alone, at the rate of four or five miles an hour; and also twenty years before, Fitch, in 1780, accidentally meeting Rumsey in Winchester, imparted his idea to him of propelling boats by steam.

We know, nor hear, nothing more of the young man William Ramsey, with his two little boats "joined together at ye stems," and he rests another of those whose minds illuminated by the first spark of an invention brought to practical use by others in after years, either from want of means, actual ability, to work out their crude idea into full conception, or the want of appreciation of the value of their thought.

From a work published about forty-three years since in Spain, of original papers relating to the voyage of Columbus, preserved in the royal archives at Simancas, and those of the Secretary of War of Spain, in 1543, it is stated, that Blasco DeGaray, a sea captain, exhibited to Charles V., in the year 1543, an engine by which vessels of the largest size could be propelled even in a calm, without oars or sails. The Emperor decided that an experiment should be made, which was successfully attempted on June 17, 1543, in the harbor of Barcelona. The experiment was on a ship of two hundred and nine tons, called the "Trinity." DeGaray never publicly exposed the construction of his engine, but it was observed at the time of his experiment that it consisted of a large cauldron of boiling water and a movable wheel attached to each side of the ship. The statement says, further, "the Emperor and Prince, and others with them, applauded the engine, and especially the expertness with which the ship could be racked. The Treasurer, Rayago, an enemy to the project, said it would move two leagues in three hours, it was very complicated and expensive, and exposed to the constant danger of bursting

*The statement as to Rumsey obtaining his idea from Fitch is on the authority of Hon. Robert Wickliffe, vol. 1, page 36, American Pioneer.

the boiler." It is claimed that this account is fictitious, the offspring of some individual jealous for his country's reputation, as the date is fifty-four years before the birth of the Marquis of Worcester, who is given by history, the credit of being the original inventor of the steam engine. From this statement it would appear that DeGara'y not only originated the steam engine, but made at the same time its application to one of its most practical and beneficial forms, and at a single effort accomplished what took the light and talent of several generations to invent and bring to practical shape.

A treatise was printed in London in 1737, describing a machine invented by Jonathan Hulls, for carrying vessels against wind and tide, which George II granted a patent for fourteen years. A drawing is prefixed to the treatise showing a boat with chimney smoking, a pair of wheels rigged over each side of the stern. From the stern of the boat a tow-line passes to the foremast of a two decker, which the boat thus tows. This is evidently the first idea of a steam tow boat.

The experiment of James Rumsey, before mentioned, is the next in order of which there is a reliable record. In October, 1774, he obtained from the Legislature of Virginia an act guaranteeing him the exclusive use of his invention in navigating the waters of that State for ten years. Rumsey's boat was fifty feet in length, and was propelled by a pump which forced a quantity of water up through the keel and out through the stern, through a pipe a few inches square. The impetus of this water acting against the exterior water, producing the propelling power. The boiler held only five gallons of water, and needed only a pint at a time. Rumsey had another project which was to apply the power of a steam engine to long poles, which were to reach to the bottom of the river, and so push a boat. Rumsey, after the experiment above alluded to, went to England, and through many discouragements, struggled on until he had constructed a boat of one hundred tons and pushed his machinery so near to completion, as to be able to indicate a day for a public exhibition. Death, however, put an end to his career in Liverpool, and under touching circumstances. He had consented to give a lecture in exposition of his plan, so as to enlist patronage from the public. When the evening came the hall was filled with the learning, fashion and beauty of Liverpool. He was overwhelmed with this evidence of interest and saw his most ardent hopes on the eve of accomplishment. He arose to begin his lecture in great agitation. A glass of water was handed him; he returned his thanks in a few incoherent sentences, sunk into his chair and never spoke again. The boat he had nearly completed was set in motion after his death, on the Thames, in 1793. It will thus be seen that Virginia is not only the "mother of Presidents," but also the mother of the first man who successfully navigated a steamboat in this country, and so nearly constructed one in England that it was afterwards run on the river Thames. It is proper to quote here a fitting tribute paid to his memory by the Congress of the United States on February 9, 1839, when it was unanimously: "*Resolved*, That the President be, and he is hereby required to present to James Rumsey, Jr., the son, and only surviving child of James Rumsey, deceased, a suitable gold medal, commemorative of his father's services and high agency in giving the world the benefit of the steamboat."

In 1785 both Rumsey and Fitch had exhibited models to General Washington, and on March 15, 1785, Washington in a letter to Hugh Williamson, certifies that his doubts are satisfied, after witnessing Rumsey's experiment before mentioned.

As previously stated, it is claimed that Rumsey got his idea from John Fitch, who made many efforts to have his invention tried. He applied to Congress and was refused, just as was nearly the fate of Morse with his telegraph. He offered his invention to the Spanish Government for the purpose of navigating the Mississippi, without better success, but at length obtained the funds for the building of a boat, and in 1788 his vessel was launched on the Delaware. Fitch used oars worked in frames. After many experiments Fitch abandoned his invention, having satisfied himself of its practicability, and being embarrassed with debt. In his autobiography, he says: "I know of nothing so perplexing and vexatious to a man of feeling as a turbulent wife and steamboat building. I experienced the former, and quit in season, and had I been in my right senses, I should undoubtedly have treated the latter in the same manner. But for one man to be teased with both, he must be looked upon as the most unfortunate man of the

world." He died in 1799, at Bardstown, Ky., and was buried near the Ohio. Previous to leaving the East, he wrote three volumes, which he deposited in manuscript, sealed up, in the Philadelphia Library, to be opened thirty years after his death. The volumes were opened in 1833, and in them he confidently predicts the success of his plan. He prophesies that in less than a century, the western rivers will be swarming with steamboats, and expresses a desire to be buried on the banks of the Ohio, "where the music of the steam engine may soothe his spirit, and the song of the boatmen enliven the stillness of his resting place."

How full of disappointed hope is this sentence from his journal: "The day will come when some more powerful man will get fame and riches from my invention; but nobody will believe that poor John Fitch can do anything worthy of attention."

In 1787, after Fitch's experiment, a Mr. Symington succeeded in propelling a steamboat on the Clyde, in Scotland. In 1797, John Stevens, of Hoboken, began his experiments, and succeeded in propelling boats at the rate of five or six miles an hour. In 1797, Chancellor Livingston built a boat on the Hudson and applied to the Legislature for the exclusive privilege. This was granted on condition that he should propel a vessel by steam, within a year, three miles an hour, but Livingston unable to comply with this condition, dropped his project for a time. He afterwards associated with himself Stevens, and aided by Nicholas Roswatt, carried on the experiments for several years, until he (Livingston) was sent to France as Minister. Mr. Stevens continued his experiments for several years, when Mr. Livingston having attained a renewal of the exclusive grant from the State of New York, he, with the assistance of his son, applied himself with greater attention to the project, and in 1807, only a few days after Fulton's convincing experiment, succeeded in propelling a steamboat at the required velocity of three miles an hour. Fulton, it is said, had in 1803, made a successful trial on the Seine with a boat that moved at the rate of four miles an hour.

About 1802-3, Oliver Evans, of Philadelphia, built on the Mississippi a boat to ply between New Orleans and Natchez. When the boat was ready it was left high and dry by the falling water, and the engine was placed temporarily in a saw mill. The mill was burned by some incendiaries, whom it was likely to deprive of a profitable job of sawing lumber, and thus an attempt to establish steamboats on the Mississippi was defeated some four years before Fulton's experiment.

All these efforts seem to have been preliminary experiments. To Fulton really belongs the credit of bringing to practical results, in the construction in 1810-11, by himself, Livingston and Roswatt, of the "New Orleans," at Pittsburg.

But to return to the date of 1756, from that date to 1776, there is nothing necessary to record showing progress in the carrying trade of the western rivers as connected with Wheeling.

In 1776, Messrs. Gibson and Linn, the grandfather of Dr. Linn, formerly a Senator in Congress from Missouri, descended by water from the head of the Ohio to New Orleans to procure military stores for the troops stationed at Fort Pitt. They completely succeeded in their hazardous enterprise, and brought back a cargo of 136 kegs of gun powder. On reaching the falls of the Ohio on their return, in the spring of 1777, they were obliged to unload their boats, and carry the cargo around the rapids, each of their men carrying three kegs at a time on his back. The powder was delivered at this city from whence it was taken to Fort Pitt.

On the 23d of February, 1777, fourteen carpenters and sawyers arrived at Fort Pitt from Philadelphia, and were set to work fourteen miles above the Fort, on the Monongahela river, at a saw mill. They built thirty large batteaux, forty feet long, nine feet wide, and thirty two inches deep, which were intended to transport troops.

The contrast between the era of keel boats one hundred years ago, and the steamboat of to-day is extreme.

Could the ashes of one of those hardy boatmen which mingle with the dust on the margin of the western rivers, become again a living man, the transition between now and then would be to him accountable only by magic.

One hundred and three years ago, while Linn and Gibson were propelling their boat to its destination, the community they left, and that to which they were proceeding, might have been destroyed, and the tenants of the solitary boat, strug-

gling up the currents of the river, remain ignorant of the event until they arrived at the end of their route. Now the traveler upon the western waters may daily and frequently more often, while the steamer is tarrying at wayside ports, converse with friends three thousand miles away, and learn the successes or misfortunes of his fellow men, not only in the wide territory through which run the waters over which he is traveling, but in the far off nations of the earth.

From 1776 to a period of twenty years, the commerce of the Ohio and the Mississippi was carried on in keel-boats and flat-boats. In July, 1794, a line of mail boats was established, to run from Wheeling to Lincolnton and back, once in every two weeks. These boats were twenty-four feet long, built like a whale boat, and steered with a rudder. They were manned by a steersman and four oarsmen to each boat. The men had each a musket and a supply of ammunition, all of which were snugly secured from the weather in boxes alongside their seats.

The same year there was started a line of boats from Cincinnati to Pittsburgh and it took four weeks to make the round trip.

In 1798-9 a brig of 120 tons burden was built at Marietta, Ohio. She was called the *St. Claire*, and was built by Commodore Preble.

From 1802 to 1810, quite a large number of sea-going vessels were built at Pittsburgh and other points along the Ohio river. Some of these vessels were 500 to 800 tons burden, and were floated down the Ohio and Mississippi rivers, thence through the Gulf to battle with the storms of the mighty Ocean.

The year 1811 is an important one in the history of boat-building. In that year was built the first steamboat for the navigation of the western waters. The construction of this boat was the first step to the fulfillment of a prediction made by John Fitch, quoted in a preceding paragraph of this chapter.

The boat whose steam engine was the first to soothe the spirit of "poor John Fitch" was the "*New Orleans*." This boat, as before observed, was built at Pittsburgh in 1811. She was 138 feet keel and between 300 and 400 tons burden; her cabin was in the hold, and she had port holes, also a bow-sprit eight feet in length, in ocean steamer style, which was painted sky-blue. She was owned by Messrs. Fulton, Livingston and Rosewalt, and her construction was superintended by the latter gentleman. Her cost was \$40,000. She was launched in March and descended the river to Natchez in December, at which point she took on her first passengers and freight, and from thence proceeded to New Orleans on the 24th of the same month. She continued to ply between New Orleans and Natchez until 1814, making the round trip in two days, conveying passengers at the rate of \$25 up and \$18 down. On her first year's business she cleared \$20,000 *net*. In the winter of 1814 she was snagged and lost near Baton Rouge.

The "*Enterprise*," forty-five tons, was built at Brownsville, Pa., and made two trips to Louisville in 1814. She departed from Pittsburgh for New Orleans on the first of December, 1814, under command of Captain Henry M. Shreve, with a cargo of ordinance. For some time she was actively employed transporting troops. On the 6th of May, 1817, she left New Orleans for Pittsburgh and arrived at Shippingport (Louisville) on the 30th, being twenty five days from port to port, and the first steamer that ever arrived at that port from New Orleans, which event the citizens of Louisville celebrated by a dinner to Capt. Shreve. The "*Enterprise*" was lost at Rock Harbor in 1817.

In 1816 the "*Franklin*," "*Oliver Evans*" and "*Harriet*" were built at Pittsburgh. The "*Franklin*" was sunk in 1819, near St. Geneveve. The "*Oliver Evans*" burst her boiler near Point Coupee, killing eleven men.

The "*Washington*," four hundred tons, was built at Wheeling in the year 1816, and had her engines made at Brownsville. She was the first boat with boilers above deck, the boats previous to that having them in the hold. She also, by making a round trip from Louisville to New Orleans, settled the question whether steamboats could be rendered useful as a mode of navigation for the ascending trade, and convinced the public, which had continued doubtful, of the practicability and success of steamboat navigation on the western waters. She was in part owned by Capt. Henry M. Shreve, and was built under his immediate direction.

A small boat called the "*Pike*" was built at Hendersonville, Ky., in 1816.

The "Independence" was the first boat that ascended the Missouri river.

The "Western Engineer" was the first boat that ascended to Council Bluffs, six hundred and fifty miles above St. Louis.

In the first few years of boat building the progress was slow, and many difficulties impeded the rapid advance of steam navigation. We have given some of the particulars connected with the building of the earlier boats, as illustrative of the progress and spirit of the business.

From 1817, when the success of steam boat navigation on the Western waters was finally conceded by the public, convinced by the trips of the "Washington" from Louisville to New Orleans and back in forty-five days—boat building rapidly increased.

In 1818, there was employed on the Ohio and Mississippi rivers, twenty-two steamboats, averaging nearly two hundred and thirty tons each. In 1818 there were building at different locations on the Ohio river twenty-three boats, of which number nine were constructing at Pittsburgh, five at Cincinnati, five at Louisville, two at Wheeling, one at Corydon and one at Limestone. From this time until 1819 there were built at Wheeling a large number of boats, which were registered at Pittsburgh.

In 1849 Wheeling was made a port of entry.

TABLE

Showing the Names of Boats Constructed at Wheeling from 1849 to 1879.

When Built.	NAME.	Capacity Tons.	When Built.	NAME.	Capacity Tons.
1849	Cabinet.....	189.85	1862	Wm. H. Harrison.....	168.39
1851	Orion.....	128.90	1861	Leonora.....	258.18
1852	Golden Era.....	207.00	1861	Lavina Logan.....	145.75
1852	Thomas Swan.....	651.00	1861	Swan.....	36.75
1853	Rutimore.....	667.34	1863	Dime.....	70.46
1853	Virginia.....	642.92	1863	Cent.....	165.15
1853	Labelle.....	120.90	1863	Rattle.....	33.88
1852	Courier.....	164.66	1863	Reserve.....	240.53
1852	Arvilla Wood.....	91.00	1865	New State.....	38.83
1853	Athalia.....	146.41	1865	Boboto.....	623.16
1853	Fort Henry.....	157.35	1863	A. J. Sweetney.....	214.12
1853	City of Wheeling.....	339.25	1863	Lumia Boyd.....	172.35
1854	Interchange.....	205.50	1864	Geo. McPorter.....	153.06
1854	Altamont.....	248.83	1866	R. R. Hudson.....	519.01
1854	Orb.....	225.00	1866	St. Mary's.....	666.10
1855	Albemarle.....	183.52	1866	Benwood.....	13.99
1855	W. G. Woodside.....	196.85	1867	Sallie V.....	141.70
1855	Axondale.....	381.15	1867	Ella.....	59.74
1856	Crode Belle.....	206.65	1867	Peytona Tug.....	31.93
1856	Lotts.....	153.25	1868	Emery.....	71.20
1856	Silver Star.....	154.84	1868	Mr. Clark.....	266.87
1857	J. B. Ford.....	197.15	1868	Salado.....	110.91
1857	Liberty.....	251.87	1869	Science.....	94.43
1857	Southern.....	125.15	1870	Express No. 2.....	500.25
1857	Kanawha Valley.....	126.10	1870	Florida.....	140.58
1857	Courier.....	258.75	1870	Gary Owen.....	288.87
1858	Ingomar.....	110.55	1870	Carrie.....	76.14
1859	Dollie Webb.....	139.11	1871	Carrier.....	194.28
1859	Jennie.....	10.30	1871	O. H.....	162.32
1859	Mexico.....	120.51	1871	I. d. Hobbs.....	266.36
1860	H. D. Moore.....	388.27	1872	Harry.....	49.70
1860	Kanawha Valley No. 2.....	137.26	1872	C. W. Hornbrook.....	168.29
1860	Morning Star.....	56.69	1872	Nail City.....	194.33
1860	Sunny South.....	270.37	1873	I. d. Leon.....	82.00
1860	Sallie List.....	212.10	1873	Jessie B.....	67.75
1860	Capitola.....	137.03	1873	Iron Valley.....	94.50
1860	Erolie.....	266.06	1873	I. d. May.....	35.13
1860	James Means.....	110.40	1874	Teapost.....	78.01
1860	Alamo.....	123.49	1874	Comfort.....	8.01
1860	Planter.....	313.84	1875	Jacob H. Worthington.....	192.77
1860	C. L. Hillman.....	120.06	1875	Monitor.....	104.44
1861	Ben Franklin.....	1875	Hudson.....
1861	Eagle.....	242.07	1875	Mike Davis.....	110.72
1861	Rosedella.....	28.27	1878	Nellie Porter.....	1.8.02
1862	Signal.....	33.60	1878	Home.....	36.04
1862	Signal.....	190.24	1879	St. Lawrence.....	113.62
1862	Delaware.....	168.14	1879	C. W. Batchelor.....
1862	Odd-Fellow.....	70.52	1879	Journal.....
1862	Liberty No. 2.....	373.90			

Making 99 boats constructed in the period embraced in the preceding table. There is no more pleasing sight than one of these beautiful boats, of which the Wheeling boat builders have launched so many, speeding its way along the Western rivers, nor is there any pleasure trip so filled with variety, comfort and restfulness to the weary body and mind, as one on a well appointed Western steamer, to whatsoever point, time or inclination may dictate.

The day for the full use of the Ohio and our Western rivers has not yet fully dawned. When it does, the great facilities Wheeling possesses of material and skilled workmen, will keep her in the front as a great ship yard.

MANUFACTURING ADVANTAGES OF WHEELING.

By reference to the chapter of this volume treating of the geographical position of Wheeling, it will be observed that, in the very important requisite of natural and cheap channels for the distribution of productions, Wheeling is possessed of remarkable advantages. A similar reference to the exhibition of the Wheeling railway system will show, that in her artificial avenues for distribution, there is an equal superiority of position. By that reference it will be observed that through her river channels, she reaches from her own site, an extent of country embracing more than 1,000,000 square miles, over which she has unlimited powers for distributing her manufactures to the populous cities, growing towns and thriving villages, which are profusely located throughout it; and by her railroad system, she possesses almost equal facilities for distribution.

This facility of distribution is in itself an advantage of great weight, without which the ability to produce copiously and cheaply would be of less worth. It stands in the same relation that ability to send his crops readily to the best market does with the agriculturist. It would matter not how bountifully the earth might yield of its grains and fruits, if the carriage to consumers was difficult, slow and costly. The gains would be small, and the amount disposed of would be limited, while some more favorably situated section would obtain the trade. Not only is facility of distribution of much consideration, but centrality of location to the market to be supplied is of equal desirability. Transportation to a wide circumference is easy, when but radiuses are traversed to reach any point of the circle; thus greatly reducing transportation expenses in the aggregate carriage to a broad market. Wheeling not only possesses that centrality of position, but combines it with such remarkably comprehensive lines of transportation that few cities are possessed of equal advantages. This, an examination of her geographical position and her railway system, shows. A broad market is a great basis to the encouragement of manufacturers; and where the possession of such a market is accompanied by easy reach to all its points, through but comparative short distances of carriage, an advantage of great value is held.

After the power of distribution, the next point which attracts the attention of the observer is the position which Wheeling occupies for the easy reception of the staple materials of the country. By the Baltimore and Ohio Railroad and its connections, by the Ohio and Kanawha rivers, Wheeling penetrates into the entire iron regions of West Virginia. When it is considered that almost every county in the whole State is capable of the production of the body of iron, and the variety of ores, and the consequent character of the metal, which, as it were, immediately surrounds Wheeling, is apparent. To this vast amount of material, Wheeling has full access; and as already specified great facilities for the transportation of the mineral from the furnaces, to her rolling mills and foundries, or of the raw ores from their deposits to her own furnaces. In addition to the West Virginia ore deposits, which are just beginning to be developed, she has equal facilities for increasing the products of the Eastern Ohio iron furnaces by transportation over the Cleveland and Pittsburgh and Pittsburgh, Cincinnati and St. Louis railroads and the Ohio river. The Ohio river also gives cheap facilities for receiving the products of the Tennessee and Kentucky furnaces, and the ores and metals of Missouri. While the

Lakes with their cheap water carriage, and the short portage of the Cleveland and Pittsburgh Railroad, give equal advantage for obtaining the metals of Lake Superior.

Her rivers, which penetrate the finest wooded districts in the country, give Wheeling enviable facilities for cheap transportation for such timber as the various manufacturers in wood which have and may arise demand. For wool, hemp, cotton, and in fact any of the staples of the various sections of the Union, the exhibit which is already given in our river and our railways shows how readily they can be laid down in Wheeling, and how cheaply.

In the reception of material the same advantage of centrality of position obtains as in the distribution of it in its manufactured forms, producing, in the combination of lessened expense, of reception in crude forms, and of re-distribution in finished shapes, a great general advantage not to be too highly valued, and one at all times powerful in holding position against competition.

After the facilities for the distribution of productions and the reception of materials, the next important quality in creating and continuing a great manufacturing city is fuel.

There is no point combining, as Wheeling does, the two first necessary advantages, that possesses the last in a more valuable shape, indeed it may be said that the advantage remains with Wheeling from the easy access which is had to it, and the consequent cheapness of the article. To manufacture in Wheeling there need be, from the location of the coal strata and the advantageous sites for factories at this point, little or no cost for the transportation of fuel. The coal lies in the hills immediately above the level ground on which the mills and factories are located, and can be sent down by cars directly into the yards thereof, making the cost only about 80 cents per ton of 2,000 pounds. Where from any cause the factory is located in such a manner, that advantage cannot be taken of these unparalleled facilities for fuel, the cost of coal delivered into the yards of the mills, foundries, &c., is only from \$1.31 to \$1.50 per ton; and contracts have been made at even lower figures than those given. There is a large extent of ground suitable for all descriptions of manufactories, where, as previously stated, coal can be sent down into the yards at a cost of not above \$1.00 per ton of twenty-five bushels, and down to eighty cents. In any article which requires for its manufacture large quantities of fuel, the great advantage gained by this easy obtainance of fuel, and the almost nominal cost per bushel or ton, is decisive as to the advantage of the location. This advantage of fuel, without the ability to distribute widely and cheaply, and to receive raw materials from a distance easily and cheaply, would of course be in itself isolated from the other two, of little or no value; nor would they without the other, be of the same force or value, but such a combination of these three, as exists at Wheeling is, beyond disputation, unsurpassed, perhaps unparalleled.

With the growth of the country competition must naturally arise, but a great manufacturing community is not evolved in a day. It has taken Wheeling over fifty years to attain her proportions, and gather around her the facilities of skilled workmen, experience, reputation and varied factories whose facilities are each a support to the other.

This is another advantage that Wheeling possesses which needs no dilating upon, and must in all competitions give her superiority. Possessed of great natural advantages, she has strengthened these by fifty years of accumulation of those artificial advantages of varied machinery, masses of skilled workmen, and divers kinds of manufactories, which, like the various corps of a well ordered army, support one another and give power and endurance to the whole.

Returning from this illustration of the advantage of long-established facilities and years of acquired skill, a few more sentences may well be given to the presentation of the advantage of coal fuel, that being so primarily the germ of manufacturing greatness.

The quality of the coal of the Wheeling seam is so well understood by all manufacturers, that descriptions of its adaptations would be almost superfluous. The following, however, is an analysis of Wheeling coal, viz: Carbon, 52.03; volatile matter, 44.01; ashes, 3.93; pounds of steam at 212° per cubic foot, 362.0; specific gravity, 1.230; weight of cubic yard pounds, 2,075.

The value of coal as a fuel, or as a generator of steam, depends very essentially upon the quantity of fixed carbon which it contains. As a general rule in the manufacture of iron, the quantity of coal is necessarily augmented in the same ratio that the yield of carbon is diminished. The same is the case when the manufacture of glass is concerned, and, in fact, wherever heat is a requisite in manufacturing.

Following these great essentials, reception of material, distribution of products and cheapness of fuel, comes cheapness and eligibility of sites for manufactories.

In Wheeling locations for building, combining the requisites of space, water, transportation facilities, and the best of those advantages already mentioned for obtaining fuel, are to be had in every direction around the city and the suburbs, at very reasonable prices, and on accommodating terms.

On both sides of the Ohio river run railroads. Along these roads sites for factories are abundant, where facilities for receiving raw materials into the very mills and other workshops direct from the cars exists. In some of those which are now constructed along these lines, side tracks run directly into the factory yards. Shipment, direct from the factories, by either water or rail, is practical and daily practiced. This facility has so much increased in the past few years as to have caused almost a total abandonment of maintaining large warehouses by manufacturers, nearly all shipments being made from the factories, effecting a large saving in rents, which is an important factor, not without its power in holding trade under close competition.

In intimate connection with the advantages belonging to Wheeling is the salubrity of the location. The tables of mortality treating upon this are conclusive of the superiority of this community on this point, and, without doubt, the great health possessed by this manufacturing population weighs heavily in the summing up of the advantages of this location, as a point for manufacturing purposes. Not only to the workman is the health of his family and himself of importance, but to the manufacturer as well. The loss of income by three or four weeks sickness suffered by a workman, or by the increased demands upon his earnings from frequent illness in his family, is seriously felt in the consequent deprivation of comforts, which the money lost from lost time and necessarily expended in drugs and doctor's bills, would purchase. The lessening of such misfortunes is an object in the selection of a place of toil. To the manufacturer, whose profits always depend upon the skilled and unbroken labor of a set of hands, the loss from the forced substitution of green hands for competent ones, or the ragged running of his machinery from the forced depletion of his working force by illness, is also, especially if occurring when his order books are full, a great injury not only to his profits, but to the smooth working of his business.

To the employer, therefore, as well as the employe, is the healthfulness of a location, a subject of careful consideration; and there is no point, as statistics show, which can in any way compare with Wheeling.

The cheapness with which workmen can live is another point in manufacturing advantages. In this respect Wheeling compares favorably with other cities; a majority of the articles of food are low in prices, and articles of clothing as cheap as in any of the large Eastern cities. In fact, the cost is not much more than half as much as it is in Eastern or Western manufacturing communities; while rents are much less than in other large cities.

From this brief sketch of some of the manufacturing advantages of Wheeling, it is apparent that there are three advantages of cheapness—those of fuel, material and living; three of position—those of reception, distribution and sites for manufacturing; three of health—unbroken labor, lessened expenses and increased income.

Among the powers used in manufacturing, that of steam is preeminent, and its advantages being in proportion to its cost, its value is great or small over other kinds of power, according to its cheapness. At Wheeling, so cheap is the article of fuel, that steam becomes the prevalent power.

The cost of material for the erection of the various species of manufactures is so low at this point, that a desirable advantage is gained here from the re-



duced cost of building. All such component parts of manufactories as wood, brick, glass and iron, are cheap, and labor is quite low in comparison with some other points.

There are in Wheeling abundant openings for manufacturing enterprises, which will not fail to be highly remunerative if properly conducted. There is business and demand for more manufactories in iron, glass, wood, cotton, wool, and in fact every staple of the country; and for the capitalist and mechanic there is no point in the Union where skill and money can be more profitably employed than at Wheeling.

THE SUSPENSION BRIDGE.

To fully understand why the Wheeling Suspension Bridge, the first to span the Ohio, and for some years one of the wonders of man's construction, was erected, it is necessary to dwell briefly upon some antecedent national events which have a bearing upon that, and the general history of Wheeling, in its progress to a large and wealthy city.

In 1609, James I. of England, granted to a London corporation, all the land lying north and south within two hundred miles of Point Comfort, and by lines extending west and northwest to the southern or Pacific Ocean. It is true he had no right to make this grant, as England had no claim under the law of nations, beyond the summit of the Alleghennies, or the head of the waters running into the Atlantic Ocean, through lands settled by its subjects. True, this grant was revoked by the English crown, at the request of the colonists themselves in 1624, and the title vested in the crown itself, which claimed for the colony only to the above summit, until the whole claim was wrested from it in 1783, by the result of our revolutionary war. Indeed, so late as 1763, the government forbade all settlement west of the Alleghenies, and in 1770, granted to a new company or colony the land lying between the summit of the Alleghenies and the Siota river. The action of this company was stopped by the revolution, during the pendency of which much attention was given to the northwestern territory, and all the colonies, principally New York, Pennsylvania and Connecticut, which claimed under grants from the six nations of Indians, surrendered their claims to the general government, except Virginia, which refused to do so until 1783, and then did so because Maryland refused to come in the Union until all title was surrendered.

This territory, embracing what constitutes the States of Ohio, Indiana, Illinois, Michigan, Wisconsin and Minnesota, was the sole capital of the United States, and that without an English settler, or possessing any practical value. The government was of course in debt, and without resources. The States were poor and many of the officers, especially of New England, who went into the war rich came out poor, and sought to hide their poverty and build up a future in the western wilderness. They formed in 1786, the Ohio Land Company, selecting the Rev. Mordecai Cutler, of Ipswich, Mass., their agent, July 5, 1787, he arrived in New York. He was an attractive, learned and genial man. He procured Nathan Dane, the member from his district, to present the ordinance of 1787, and on the 13th it was passed as it now stands, prohibiting slavery, providing for the education of the people, and all those principles of freedom and progress, which were as near as possible embodied afterwards in our national constitution. The government must have money, and to secure over six millions they, with great unanimity, consented to take a long stride ahead of the general ideas—to adopt a measure that has not in one hundred years become "old fogey."

Under this ordinance, Marietta and its surroundings were settled, Symmes made his purchase, and in fourteen years Ohio had sprung from a wilderness and demanded admittance into the Union as a State. As indicated in the above named ordinance, and confirmed by the constitution and laws admitting Ohio and all of the other States, they were to be placed on the same footing as the Atlantic States, and one of the means of so doing was the construction of a continuous macadamized road from the navigable waters of the Atlantic to and through the territory. In 1806, this road was commenced a little below Cumber-



land. The law required it should strike the Ohio river between the town of Stenbenville and the mouth of Grave Creek. The engineers, of whom David Shriver, of Cumberland, was the most prominent, following nearly the trail of the Indian and Buffalo, who were characterized by Thomas Benton as the best engineers, struck the river at Wheeling.

This road was ultimately completed to the Ohio river and through Ohio, *except the bridging of the river*. It gave Wheeling its original prominence, brought men here who improved it, and made it the main avenue for passengers and freight between the great East and growing West, both for river and road, until railroads supplanted the national road. The travel and goods that went through this city were then *wonderful*, but were not an hundredth of what now pass over the various railroads. It brought some of the broadest and best business men of the country here.

But the crossing of the river was a drawback, and a great one, for the direct line was only Zane's swing ferry, made of a large flat with a board sinking in the water upon one side, and fastened by a rope far up on the Island. The boat was attached to the rope by a chain fastened to either end of it, and running on a wheel at the rope. The shore end was let down below the bows and the current would carry it across. This was used many years, but was slow at all times and stopped much by ice, and sometimes by accidents, while it must be on the Island side when steamboats were passing.

As early as 1835 a decided agitation of the subject of the government *completing* her contract by building a bridge over the Ohio at Wheeling was aroused. The press of Wheeling and the Western States advocated it; petitions were circulated through Ohio, Indiana and Illinois in favor of it, and the people very generally signed and forwarded them. The measure was up every year in Congress; all western members favored it; but Pittsburgh and Pennsylvania opposed, as well as most of the east and south, because the Democracy had adopted the motto, "No internal improvements by the general government." It, however, came several times near passing.

In 1847 the citizens of Wheeling, like the farmer in the fable, determined they would cut their own wheat—build their own bridge under a charter from their own State. A charter was drafted, providing among other necessary matters, authority for the city to subscribe \$50,000 and each of the banks \$25,000 to its stock, and J. E. Wharton, Esq., sent to Richmond to secure its passage. He stopped at Washington to try to get the Postmaster General to recommend an appropriation of \$30,000 provided mails and government stores should forever be carried over free. The Postmaster General refused to do so, but manifested so deep an interest as to urge upon Gov. Smith, of Virginia, the passage of the charter by all means. It ultimately proved the success of the effort, for without his letter the charter would not have passed. There was not much difficulty in the house, but in the senate the Democrats considered it as giving privileges to banks; those in favor of giving the B. & O. R. R. the right of way to Parkersburg opposed it as strengthening Wheeling's claim, and two held that the State had no right to bridge a navigable stream. These last were brought over by the suggestion that now would be a good time for Virginia to assert her claim to the whole Ohio river, under the King James charter of 1607. Matters were brought down to a pretty fine point, when Gov. Smith came in and converted one sinner by showing him that this matter was distracting and dividing the Democracy in congress. The bill passed by one majority.

The stock thought necessary was mostly taken in Wheeling, but some in Mt. Pleasant, Cadiz and St. Clairsville. Nearly all took some stock—the city and banks far less than they were authorized to take. John W. Gill, Esq., was the largest private stockholder. He has passed away, and his memory deserves the tribute of a passing remark here. He was enterprising, liberal of his large means, simple and straight forward in his integrity, enthusiastic in all public improvements and a true patriot, anxious to see his country produce all she consumed. In furtherance of this he was the pioneer silk manufacturer of the west, and established works in a large frame building across the creek, where he manufactured silk handkerchiefs and dress patterns on a pretty large scale.

which were pretty and very durable. This was continued some years, and we presume there are some of his handkerchiefs still existing. It was, however, but a small part of his business.

The stock for the bridge was taken, and the Directors elected, Thomas Sweeney, Esq., was elected president and E. H. Fitzhugh, Esq., Secretary. There were then but two persons known in the country as having any experience in building suspension bridges—Chas. Ellet, of Philadelphia, who had erected the bridge over the Schuylkill, near that city and thrown a cable and footway over Niagara river, and Mr. Roebling, of Western Pennsylvania, who had erected the regular bridge over Niagara. They both appeared before the board. Mr. Roebling proposed to erect it with the abutments at the edge of low water, and a pier on the bar some three hundred feet from the western abutment, leaving a five hundred feet span over the main channel, the road way to be one hundred and twelve feet from low water and to contract to complete it for one hundred and forty-one thousand dollars. Mr. Ellet proposed to put the abutments on the banks where they now are, and make one clear span of one thousand and ten feet—the largest span in the world—that of Frieburg being but eight hundred and seventy-six feet. Mr. Ellet proposed to erect it as superintendent, employing labor by the day; but estimating the cost below that of Roebling. Mr. E. was a tall, fine looking man, fluent talker, and plausible writer, while his opponent was the contrary. This fact with the glory of having the longest span in the world, carried the day. Mr. Ellet's plan was adopted by a majority of the Directors, but opposed by Wm. Paxton, Esq., with much energy. The work was completed by Mr. Ellet, but was more than twelve feet lower than was proposed, and cost \$218,000.00. During the construction, and after the timbers were swung, Mr. Paxton, Mr. Sweeney and others recommended to him *guy chains* anchored firmly at the waters edge and attached to the cables as far out as would be effective; but his only reply was that he "knew his business," and none were put in. In the fall of 1849 the work was completed and the formal opening took place. It was a gala day for Wheeling, guns were fired, flags were flung to the breeze, and in the afternoon the whole population flocked to the bridge together with many from the surrounding country. A procession was formed ten abreast, and marched to the music of "the Campbells are coming." It was well the cables were of Missouri iron, and well tested and anchored, as, had it fallen under the strain, it would have been a bridge of "sighs" as well as size. Under the measured tread, the slender web began to sway until all had to adopt sea legs, and when the western approach was reached it was more than laughable to see men and women striving in vain to recover their ordinary walk. Some sat down on the ground and declared they would not walk, but that was little improvement for the whole world seemed swinging in a hammock. They went back by pairs and dozens, and the bridge behaved better. After this it did pretty well so far as it could, but it had foes to encounter as well as friends to support. True it would bend about two feet under heavily loaded wagons or the maximum number of cattle, and was often too low "*per se*." Those were emphatically the days of steamboats and tall chimnies on the Ohio, and Pittsburgh sported her brag line of steamers, of which the Buckeye State was the chief for speed, and they were compelled to lower their chimnies to the Wheeling bridge when the water was above a certain stage. True this was easily done, but it is probable that Haman could get into the palace, notwithstanding Mordecai sat in the king's gate; yet he determined to not only "yank" him out of that, but to hang all the Jews in the kingdom because of his impudence in sitting there. In the same spirit, Pittsburgh employed the late Edwin M. Stanton, the rising lawyer of Steubenville, to go before the Supreme Court, there present the case and secure its destruction. On this argument he removed to Pittsburgh, won the verdict of the court against the bridge as an obstruction to navigation, and the bridge was ordered to be removed or raised twelve feet. It was only saved by Congress, under the leadership of Henry Clay declaring it a post-road. One evening after the passage of the declaratory act, Mr. Clay, with Crittenden, Benton, Marshall, and others, walked over it from the hotel, and, arriving near the western tower, Mr. Clay turned, and scanning it admiringly, exclaimed "Take this down! you might as well try to take down a rainbow!"

There was one incident connected with it that was wonderful. Boys had

climbed over the towers and walked the wires, but no accident had happened. After it had stood a year or two, when the river had a spring "burst up" and was full of floating ice, a girl whose lover had left her, and the world seemed full of singleness and hornets' nests, determined to give away her interest in it. So, one morning she went out to near the middle, threw off her shawl and bonnet, and "accounted as she was," plunged in; but she was not thus destined to "throw off this mortal coil;" she went down between two cakes of ice, rebounded up between two others, was thrown forward on one of them where she lay insensible on her stomach, until the cold cake came near shore at Eoff's mill, where she was taken off, very cold, wet and flimsy. When she came too she did not feel as much in love as formerly, for she said the fellow was not worth all that wetting. She is probably living yet to thank God for her preservation.

A few more years passed over this magnificent cobweb, and the Island had begun to gather some of those who could not find room between the river and Wheeling hill. Mr. Ellet had spent \$1,700,000 in running the Hempfield Railroad to Washington, and left it largely in debt; the Central Ohio had been driven to Bel-
laire, and Wheeling proper had been deserted by its travel and trade, when a little after twelve o'clock M. of a summer's day in 1853, the few clouds that flecked the blue of heaven above were seen to drive rather rapidly to the northeast and the close observer noticed a rather ghost-like cloud down the river; but in Wheeling, east of Main street all was still; not a leaf stirred—not an awning waved, nor dust moved; when suddenly the cry went from mouth to mouth, "the bridge has blown down!" It seemed like a murderous bullet shot from a rosebud just as you were inhaling its fragrance. Stores were closed, shops were deserted and thousands of doubting Thomas's and anxious Martha's hurried toward the scene; but seeing was believing. The rainbow was pulled from the skies, the beautiful structure was gone. The wire cables had been thrown from the towers, and the whole mass of wire and wood lay prone on the ground and water below where the bridge had been. The water was low and the regular line boats were not running; but laborers, teams and machinery were soon employed and cleaned the river of the debris as early as possible. Much of the timber and most of the wire was saved.

The first question was, how did it occur, and why was no one on it at the time? None but the bridge tenders and those whose passage had been cut off could tell. The precursors of the ghostly cloud first began to swing the bridge. They who were on hurried off, and the tenders refused to let others go on at either end, while back and forth it swung, farther and farther at each vibration until the full force of the whirlwind came under and carried it up as a feather far above the tops of the towers, and then dashed it down as if it were the angry genies of destruction, before whom rocks, and towers, and gorgeous palaces—all the works of man, were but as dust in the balance. The longest span in the world had stood but a short span in the line of time.

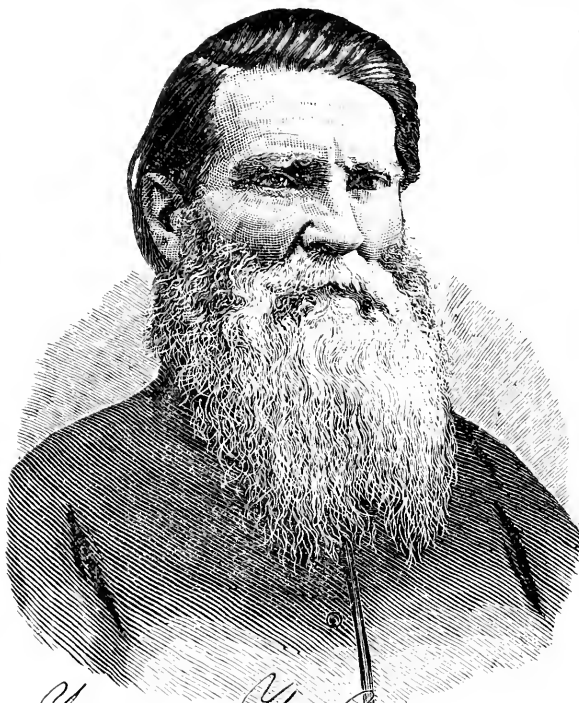
The bridge had become a necessity, but a steam ferry was borrowed, the cables and wood were drawn from the river, and in a short time the cables were replaced and a narrow structure put up under the superintendence of Mr. McComas, who was equally remarkable for his few words and much and good work. The narrow structure admitted of the passage of but one team at a time, and the bridge-wards at each end warned the other when teams were going on by bells hung upon a wire extending across.

In due time the timber and wire were prepared and the present structure erected by the same gentleman, in a manner so guyed, braced and strengthened as to bid defiance to the winds, and be equally safe to customers and profitable to stockholders. Like most other public improvements of the city, it has been a *success*, and is furnishing a reliable chain between large and increasing populations.



HORN BROOK'S PARK.

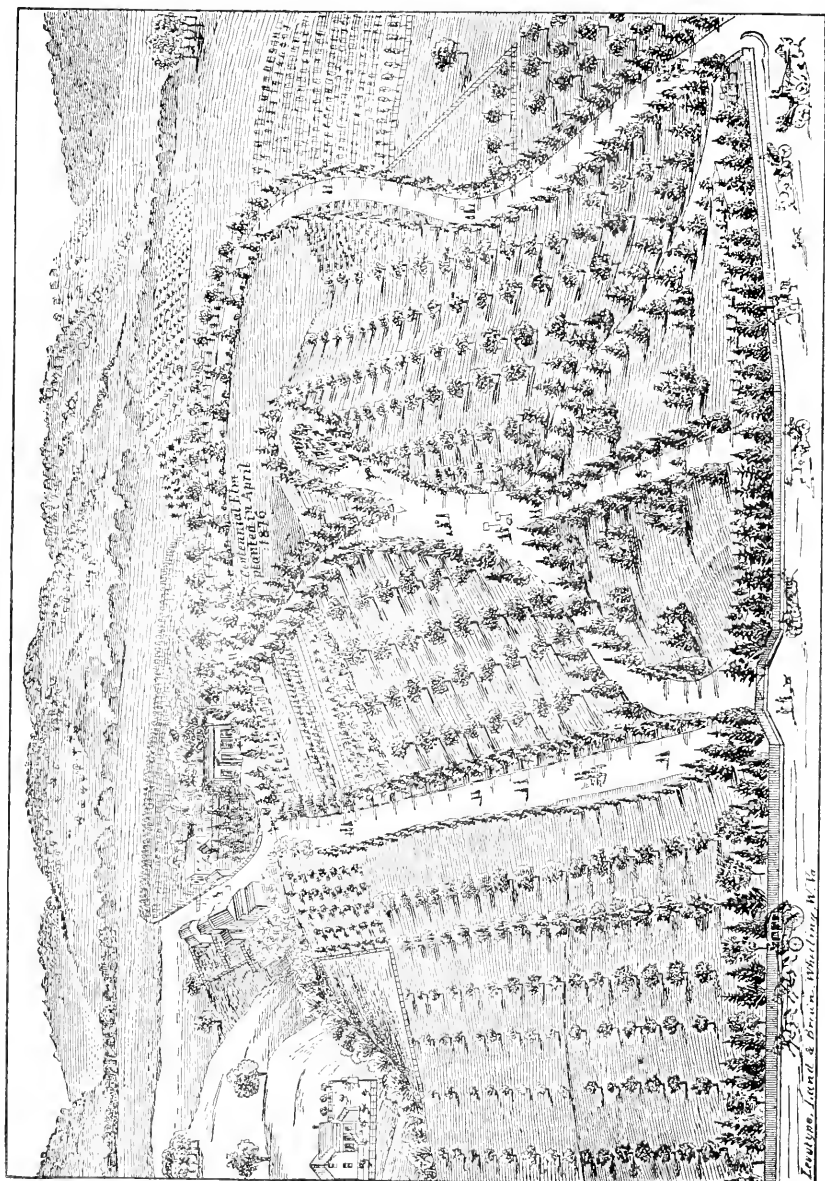
The "beauties of Nature," and ascriptions to "Nature's God" are themes on



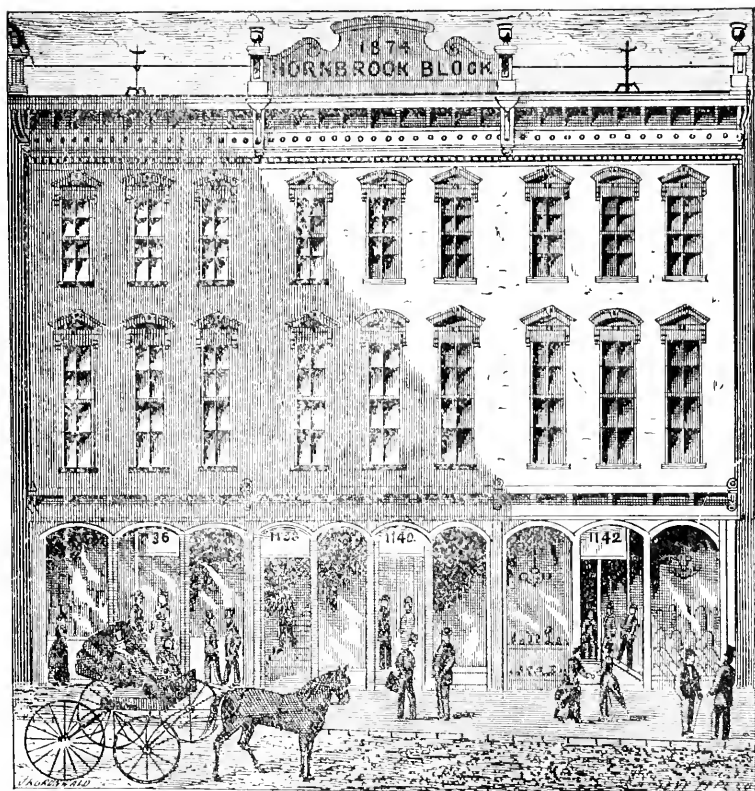
Yours Truly
Wm. Hornbrook

which writers have dwelt with a wealth of language which no other subjects have ever evolved, even from the most gifted of pens. Poets have written immortal verse by their aid. Yet nature, unaided and alone, never attains that magnificent glory that she does when nurtured by the hand of Art. Nature and Art are, to a certain extent dependent on each other. That either of them can evolve "a thing of beauty," independent of each other is quite true, but their highest triumphs are achieved when they act as hand maids to each other. No more apposite illustration can be given of this than the matchless wealth of sprouting glory that greets the visitor to Col. Hornbrook's private park which, if it have equals — certainly has no superiors in this country, either in the beauty and splendor

of its marvellous features, or the consummate symmetry that manifests itself to the visitor at every avenue of its umbrageous shade. We might write a volume on this subject and not exhaust it. We shall, for the purpose we have in view, only descant on some of the maximum features of this comparative paradise,—as our space will prevent us from going into too much detail,—pleasant otherwise as the task would be to ourselves, and doubtless so to others. About thirty years ago Col. Hornbrook purchased over fifty acres of land in that beautiful plateau of territory situated on the NATIONAL ROAD, something over four miles east of the city. This purchase he ingeniously laid out and cultivated with a hope of ultimate success in producing the magnificent achievement of the countless glories of his present magnificent park. Being a noted capitalist, he spent money with a lavish hand in designing, cultivating, and nursing his comprehensive project. Years rolled on years, and as the seasons came and went, his efforts grew with the growth of his experiment, till at last the premises gave ample assurance of complete success in his praiseworthy enterprise. For the last fifteen years this park has been the wonder and glory of visitors, both from home and abroad. The park of 1879, however, comes the nearest to completely filling what may be deemed the highest niche to which Col. Hornbrook's ambition

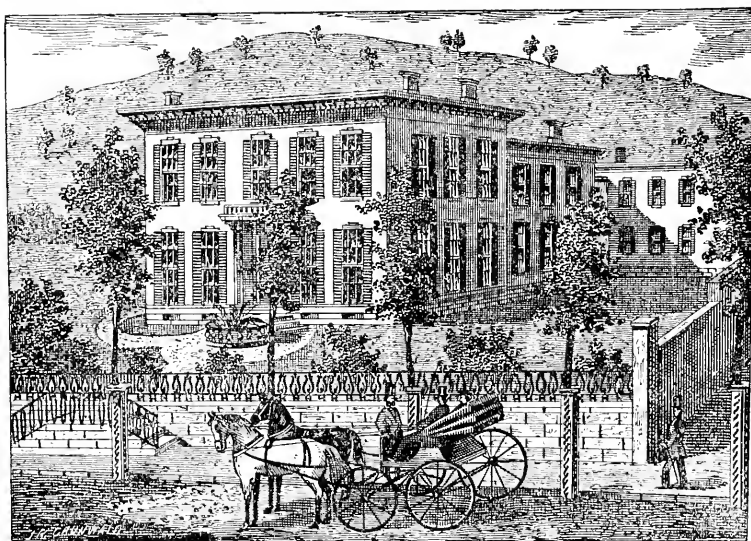


HORN BROOK'S PARK.



THOS. HORN BROOK'S BUSINESS BLOCK.

aspired. Indeed, we should say that if he expects to surpass what he has done in this line he might as well desist. It was reserved for the poet Milton, however, to picture, in glowing and never fading colors something vastly superior even to this Park, in that grand and matchless Epic Poem "Paradise Lost," that ideal master-piece of the Christian world. A higher art than that of human skill fashioned the glories of Eden. Topographically speaking the premises of Col. Hornbrook leave nothing to be desired. Nature in this respect seems to have been in entire harmony with the design of the proprietor. Containing over fifty acres, the plot of ground has two entrances, one at its eastern, and the other at its western limit. These, in extent, are about a mile in their aggregate length. One of these is lined with many different kinds of beautiful trees, vines, &c., which in season present to the observer superb reaches of blooming fragrance and refreshing shade. This is merely *one* of the notable instances of romantic effect. This extensive Park, however, abounds in beautiful surprises for the visitor. Carriage-ways and various smaller avenues admit of approach to, and departure from, any noteworthy locality in this magnificent domain of floral and pomological perfection. Trees, fruits and flowers are, so to speak, the natural Trinity that presides over this exquisite place of resort. These exceptionally beautiful objects are the results of human invention, assisted by the ever responsive and generous hand of Nature. Many of the drives are bordered with evergreens and ornamental trees. Of these latter, Col. Hornbrook is particularly interested in four specialities, viz: Evergreens, of which



COL. HORN BROOK'S RESIDENCE.

he has forty-eight varieties. Magnolias, nine varieties, namely, *Grandiflora*, *Glaucæ*, *Triptala*, *Umbrella*, *Macrophylla*, *Acuminata*, *Auriculata*, *Conspicua* and *Purpurea*. Hundreds of pear and apple trees of the choicest kinds annually give an abundant yield of their mellow products. There are over four hundred varieties of roses. One of these varieties is the fragrant tube rose, of which there is not less than 50 000! These features when combined with the multitudinous variety of other flowers, shrubs, and the like germane to such an effusion of floral wealth, present such an array of numbers as to cause the writer to discover the hopelessness of the task of attempting anything like an enumeration of even the minimum part of them. Suffice it to say that florists can order anything in this line, and get the article desired. Besides the exquisite collection of fine EVERGREENS which have been alluded to, there are majestic specimens of *Norway*, *Sugar* and *Silver Maple* trees, which are of surpassing beauty; also *Austrian*, *Scotch*, *White* and *Hemlock Pines*; *American Elms* and *Poplars*. Almost every variety of tree known to this climate may be found in this wonderfully prolific private enclosure. What has thus far been said in this entire article, however, is only a mere outline of the park. To be fully appreciated, these magnificent grounds must be seen. Col. Hornbrook is a native of England; came to this country quite young. He has lived in Wheeling for over sixty years. He started in business when but a lad—we might say on little or nothing. A ten dollar bill would more than cover the entire capital stock. To-day, it would be no exaggeration to say that he is worth over a quarter of a million of dollars. He is one of Wheeling's most prominent citizens, and is a staunch advocate of the temperance cause for which he is a fluent speaker, and it may be said that he is one of its most liberal supporters, financially speaking, and indeed, of every deserving charitable appeal.

"What a magnificent public park this would make for the citizens of Wheeling," exclaims the reader, and very naturally and justly. The city of Wheeling, with all of its advantages, lacks one great essential that is possessed in some form or other by almost every city in the Union, i. e.—a site for a Public Park. Cast your eyes where you will, within the corporation, and no eligible grounds are to be seen, that could be advantageously converted into a Public Park. What could be better for the purpose than that the city should avail

itself of the opportunity of purchasing this magnificent property for the purpose alluded to? It may be urged that it is too far away from the city limits. It is very true that it is quite a distance from the city, but when steam is introduced on the "WHEELING & ELM GROVE RAILWAY," this objection will be untenable and frivolous. The only objection that has any force in it, is, the *expense* attendant on a trip to the Park. But this mostly vanishes when we know that if steam was introduced on the W. & E. R. R., passengers to the Park could be conveyed to and from the place with profit to the railroad company, at much lower rates than are at present charged, perhaps one-half of the present fare; and the time consumed in making the trip would be much reduced, likely in the same ratio. As the proprietor is a gentleman of great wealth, it is not at all unlikely that his conditions, as to the purchase money would be easy, and no great burden to the city. It might be paid in installments covering a series of years, with a fair rate of interest on deferred payments. It is a splendid opportunity for the city, and about the only one for the purpose.

THE PAXTON FOUNTAIN.

(See Engraving, Page 20.)

The circumstances connected with the origin of this classic and beautiful ornament to the place of his nativity, are of such an honorable character to the generous donor James W. Paxton, Esq., that, never having been made public it is but due to the citizens of Wheeling and himself to record them here. When the STATE HOUSE or Capitol had just been finished, and the spacious stone pavement which surrounded it had been laid, the gentleman alluded to had visited the spot standing on the pavement of the western front of the building, and surveying the structure from that standpoint, he casually observed to a gentleman—a city official—that "one thing was needed to give the western main front view a complete finish" and that was "A PUBLIC FOUNTAIN." The remark was added, that it was not likely that the city authorities would soon, if ever, engage in such an enterprise. Here the conversation dropped, but the idea of a PUBLIC FOUNTAIN incorporated itself firmly in MR. PAXTON'S MIND. A resolution was taken the very same day out of which has evolved the present costly and splendid PUBLIC FOUNTAIN—a magnificent tribute to the enlightened and elevated motives that prompted the munificent gift. Correspondence was immediately opened with parties in the East, in relation to the procuring of a fountain not to cost over \$10,000.00. Communication in relation to the matter was also had with parties in Europe, through the medium of A. J. Sweeney, Esq., mayor of the city, who was there at the time. Designs and propositions were received from quite a number of the parties, and submitted to Mr. Paxton. The result was, the selection of the design and estimates of the present chaste and exquisitely beautiful object which is mostly a product of American ingenuity, taste and culture. On the 9th day of November, 1878, this structure was inaugurated as the property of the city, by a deed of gift for all time. It was gladly accepted, and honors were offered to the distinguished gentleman by a public opening of the fountain on that day. Business for the time was mostly suspended on the afternoon alluded to. There was an immense throng to hear the speaking, &c. The State and city authorities, and quite a number of distinguished persons from abroad were present. After the assemblage was organized, a magnificent speech was delivered to the vast audience by the orator of the day—Hon. J. H. Good. A selected band of some of the most accomplished vocalists of the city then delivered exquisite selections of music. These were followed by a beautiful original poem, written expressly for the occasion by Mr. Wm. Leighton, Jr.—author of "THE SONS OF GODWIN," "AT THE COURT OF KING EDWIN," "CHANGE; or the Whisper of the SPIRIT," &c.

After the exercises were over the usual benediction was pronounced, and the crowd dispersed to their homes. We will conclude our article by saying that the donor of this artistic, beautiful, and classic gift has clothed himself with a panoply of honor that far surpasses that attained by public men generally, as their sacrifices are mostly made with a view to ultimate gain or preferment. The magnificent gift of James W. Paxton, Esq., was as disinterested as graceful, and stamped him at once as one of nature's noblemen.

WHEELING'S NEWSPAPERS.

THE DAILY REGISTER.

This admirable Democratic paper represents in an able manner the party of which it is the exponent. It was started in 1861 and is owned by Lewis Baker & Co., and edited by Lewis Baker, Esq., who both as a political and general writer wields a trenchant and able pen. Some few years, we believe, after it started it met with reverses which were baffled with some difficulty, but the able management of Mr. Baker, coupled with his merited influence with his party, rescued it from all trouble. It is a spirited sheet, interesting not only as a political paper, but from the judicious general extracts and useful information, making it also a valuable family paper. It is, we might say, in its press work and general execution, perfectly conducted. It is in all respects an able paper, and faithfully represents the business and general interest of the public.

THE INTELLIGENCER.

This is the other political paper of the city: representing the Republican side in politics. It is owned and edited by Messrs. Frew & Campbell, and is creditably conducted. Its reputation in the State among the adherents of the party it represents is very strong. Mr. Campbell, the editor, is a graceful writer and stands high with his party friends.

THE SUNDAY LEADER.

This is one of the two Sunday papers published in the city, and it occupies a deservedly high position among all classes. It is independent in politics and is fearlessly conducted, sparing the faults and shortcomings of none, when it sees occasion to call public attention to them. It is remarkably well conducted, and receives a large share of public patronage. In the gathering and collating of interesting news and useful information it has no superior. Its miscellaneous reading for families cannot be surpassed in any city in the country. It is specially valuable to business on account of its general circulation, reaching the business man, the farmer, the artisan, and an eagerly welcomed guest in the family circle. Mr. C. C. Johnson, the editor and proprietor, is an accomplished gentleman in his profession, specially qualified for the task he has undertaken of issuing a paper for general reading, regardless of politics or religion.

THE NEWS-LETTER.

This is one of the papers issued on Sunday. It is independent in every respect, and aims to inspire confidence by an honest and fearless course. Its management is in able hands, and the paper has achieved the respect of the community. Ably conducted in all its editorial departments: remarkable for the interesting general reading, it has become an institution of the city. It is especially noteworthy for its attention to lodge news—making itself a regular journal for the different orders and societies. It is as well an interesting family paper, its extracts and selections specially adopting it as such. It was founded November 14, 1878, by a co-operative company of eleven persons, with J. H. McFall as business manager, under the firm name of News-Letter Co. About January 1st, 1879, it changed hands and is now owned by Messrs. Stull, Robertson & Meek. Its success is evidenced by its rapidly enlarging subscription and gives proof in every way of being successful.

THE SATURDAY EVENING JOURNAL.

This paper was started in August of this year by Messrs. Halstead & Grubb, intending to fill a long felt want, a Saturday evening journal, a paper for the workman as well as merchant, a paper for Saturday evening reading. They have succeeded in making it a newsy, readable paper, admirably gotten up in all its departments. Its miscellaneous extracts are well selected making it a valuable family paper. As an advertising medium it should be particularly valuable, reaching its readers at the end of the weeks' work.

THE DEUTSCHE ZEITUNG.

This German paper is owned and edited by Mr. L. Colmar is published weekly. The firm was formerly Guttenburg & Colmar. This is quite a sprightly sheet, and from information we have gathered, is very successful in catering to the tastes of our German citizens. It has the reputation of being well conducted, of being a very interesting journal. It is ably edited and its news and miscellaneous selections have given it quite a circulation. It is the only German paper in the city.

TO THE BUSINESS MEN OF WEST VIRGINIA

AND THE WESTERN STATES.

The publishers wish to call the attention of the country merchants and traders throughout West Virginia and the West to the brief notices in this work, representing, as they do, the leading business houses of the city, the manufacturing firms, and many of the leading professions. Each in its particular branch offers inducements, while the transportation advantages of Wheeling for shipments are unexcelled. The firms here represented have toiled energetically through long years, at last achieving success and fortune, and consequently fully understand the wants and needs of the country whose trade they desire.

WM. H. ROBINSON,

Paints, Oils, Glass, Sash, Doors, &c.

This is one of the pioneer establishments of Wheeling, and one that is deserving of extended mention in a work professing to give an adequate display of the manufacturing and commercial advantages of the "Nail City."

The above business was started by S. G. Robinson, Esq., in 1836. He is the father of the present owner, and is still living at the age of seventy-eight years. Many years ago Mr. Robinson came to this city from the eastern shore of Maryland. His capital was quite limited, so far as cash was concerned; but he possessed what was almost as good, viz: energy and business tact, and with this stock in trade he commenced business. For some years he carried on his store on Market street, near the upper end of the market house, Second Ward. The rapid increase in his business, however, compelled him to remove to Main street near Union (Eleventh). Here he remained for some years, when he was again compelled to remove to still larger quarters to accommodate his increasing trade. In 1850 he removed to No. 1223 Main street, where the business is still carried on as above.

Some year ago he purchased the Window Glass Works of this city, and they were for a series of years successfully operated by Mr. Robinson and his sons, and the quality of the glass made enabled them to compete with eastern manufacturers.

In 1862 the founder of this large establishment becoming too old for an active business life, the store passed into the hands of his son, W. H. Robinson, who gave the business his strict personal attention. Through all these years of panic, this store has continued on in its career of success, and to-day stands a monument of

industry, and reaches out through Ohio, Pennsylvania and West Virginia for its trade, being able to compete with eastern houses on account of liberal arrangements made with manufacturers of goods which he handles, and he handles none but those that have stood the test in years gone by. The names of the following manufacturers carry all the recommendations that the carpenters, builders, painters and others require:

Anchor White Lead Company, manufacturers of Pure White Lead; Richmond Metallic Paint; Patent Borate of Zinc Kalsomine; this superb article far surpasses every other preparation of Kalsomine. It is prepared with great care and only of the finest and purest material, has very superior body and covering properties, and, as its name indicates, is composed in large part of French Zinc; is very finely pulverized, and readily mixed by the most inexperienced person. Will not rub off or scale. It is prepared in brilliant white, and in eighteen elegant and stylish tints. No poisonous matters enter into their composition.

Walters & Fielding's English and American Artists' Colors in tubes, and French Permanent Green, American, French and English Polished Plate Glass. All kinds of Colored, Enameled and Figured Glass for side lights and transoms, churches and public halls. Patent Sash Weights of all sizes.

D. Rosenberg & Son's Standard House Painters' Varnishes and Carriage Varnishes. C. T. Reynolds & Co.'s Pure Oil Colors, &c. Fitton, Rau & Sibley's Perfectly Pure Tinted Lead. John L. Whiting's Patent Brushes of all kinds.

The above is a list of a few of the manufactures which Mr. Robinson represents in this city.

The above notice will scarcely give the reader an idea of the magnitude of this large establishment, with goods piled to the very ceilings. Enough has been said, however, to convince our readers that *this is the place* to buy the articles above mentioned, and if you would be further instructed send for his catalogue and price list.

L. S. DELAPLAIN & CO.

Wholesale Dry Goods and Notions, No. 1302 Main Street.

In recording any adequate history of the industries of Wheeling, and the progress made during the last quarter of a century in commercial and manufacturing importance, it would render our work incomplete to omit a description of the house of L. S. Delaplain & Co. Of the houses engaged in the Wholesale Dry Goods trade, it is perfectly safe to assert that none in this section occupy a position more entitled to consideration than this establishment, both with reference to the high commercial standard upon which its operations are conducted, the extent of the business transacted and influence it has won. Established in 1845 by Tallant & Delaplain, this house has always held a prominent place in the Dry Goods trade through all the changes incidental to a business career covering a period of more than a quarter of a century. From its first inception and title, after a continuance of some years the house became L. S. Delaplain & Son, Mr. Tallant withdrawing. Continuing under this firm title for another period, the firm again changed to L. S. Delaplain & Co.—Mr. Robert M. Delaplain retiring. The present members of the firm are L. S. Delaplain, Hulihan Quarrier and Joseph S. Gibbs. Through all these changes the characteristics exhibited by its founder and present senior member have passed down, gaining some added value rather than losing ability with each successive change—making more prominent, if possible, the honorable, enlightened and enterprising policy for which the house was always conspicuous. Mr. Delaplain may justly be regarded as the pioneer in the jobbing Dry Goods trade in this section, being the first to establish a house of this kind. He presents a striking example of those high-toned commercial attributes, and possesses not only marked talents as a business man, but that high sense of rectitude that has made him the exemplar of the best commercial class of Wheeling. With such an established reputation, it is no matter of surprise that the house has always been a favorite one, appropriating a very large share of the trade and affording buyers certain advantages—the result of long connection with the most extensive manufactories in the country—that cannot be duplicated by any concern in this State. This establishment is not only the largest in West Virginia, but decidedly the most

extensive between Pittsburgh and Cincinnati, carrying a stock of from \$125,000 to \$150,000, and transacting a business closely approximating a half million dollars per year. The facilities, as far as regards the premises occupied by the firm, are all that could be desired, being ample, commodious and eligibly situated in a large three-story brick building, one hundred and twenty-five by twenty-five feet, on Main street, the main business thoroughfare of the city. Here may be found a full and complete assortment of Staple and Fancy Dry Goods, foreign and domestic, embracing a wide range in Textile Fabrics and Notions, affording a selection rarely attainable outside of the large Eastern cities, with a perfectly comprehensive knowledge of the business and a nice discrimination as to the exact requirements of the trade. Mr. Delaphain has been called on by his fellow-citizens, from their respect for his abilities and integrity, to serve them in positions of honor and trust, having been Vice President of the Exchange Bank, Vice President of the Benwood Iron Works, President Citizens' Insurance Company, Member of the City Council, &c. Mr. Delaphain and Mr. Gibbs are natives of Delaware—Mr. Quarrier of Wheeling. Recommending this house to the public, and directing attention to the manner in which it is conducted and the amplitude of its resources, and its position at the head in its line, it commands the respect of the community.

THOS. HUGHES & CO.,

1211 Market Street.

This time-honored and popular clothing house was established as early as the year 1840. For many years the large wareroom, corner of Water and Twelfth streets, was used for the prosecution of their trade, on account of its favorable location with reference to the river patronage which was quite large, and from the fact, that till within the last few years it was quite as well calculated for the city trade as any other locality would have been at that time. There having been, however, so many handsome buildings lately erected in the city induced the proprietors to rent the present splendid storeroom on Market street. This room possesses facilities for their present city trade superior to those offered by their late storeroom on Water street. They knew that their river patronage would follow them to their new premises, and even a greater distance if necessary. The change of locality was a fortunate one, as the proprietors assure us that they are now doing a heavier general trade than ever was done by the firm in the past. To give the reader some idea of its magnitude we would state that the proprietors receive orders from distant points, even as far south as the Carolinas. Their trade is quite large in the States of West Virginia, Maryland, Ohio and Pennsylvania. Surprising as it may seem, large orders are received from Baltimore, Cumberland, Pittsburgh and other cities, noted for their stylish manner of making clothing. This, of itself, is a strong endorsement of the superior style and quality of goods kept by these gentlemen—also of the fashionable and elegant manner in which they make them up. This firm, however, has, from time immemorial, been noted for keeping the finest goods that could be obtained from the eastern importers, and equally so for their taste in making selections as to patterns.

The quality of trimmings used in making garments is an important factor, for if inferior trimmings are used for the purpose, a shabby and unserviceable garment is the result. Messrs. Hughes & Co. use none but the very best of these indispensable essentials for a handsome suit of clothes. This fact, combined with their stylish manner of designing, cutting and the excellent workmanship put on garments, secures the permanent trade of all old patrons of the house, and constantly attracts that of new customers to this magnificent establishment. The regular cutters of this house are Messrs. Wheeler and Lakin, although at times an additional cutter is required. To enter into an extended eulogy of these accomplished artists would seem to be a work of supererogation, as it is well known that they stand in the front rank of the best designers and cutters of clothing for gentlemen and youths, that are known to the trade, either in the East, West, North or South. Misfits are quite common in some tailoring establishments. The superior qualifications of Messrs. Wheeler and Lakin are, however, an ample guarantee against failure in this respect. These gentlemen could offer no excuse for a defect of this kind, as their experience has been as varied and comprehensive as that of the most eminent artists in the business, either at home or abroad. It is well known that



there has been, in the last few years, a great reduction in the price of all goods, both of foreign and domestic manufacture. This agreeable fact enables Messrs. Hughes & Co. to furnish their customers suits at nearly one-half of the price that they cost but a few years ago. A suit of clothes that would have then been worth about \$40.00 or \$45.00 can now be obtained of these gentlemen at from \$25.00 to \$28.00. This house, though doing a heavy business in fine goods, keep a complete assortment of cheaper fabrics for those who desire them. Whether the article desired be fine and costly, or of a lower priced quality, you can obtain them at this house in endless variety, and at the very lowest margins of profit to the proprietors.

The individual members of this firm are Thos. Hughes, J. Elwood Hughes and Andrew M. Hamilton. The senior member of the firm spends much of his time in the East buying goods for the house. We would conclude our article by observing, that the room in which they do business is of marvellous capacity and beauty.

L. C. REED.

C. E. BAILEY.

W. N. LINTH.

L. C. REED & CO.,

Fashionable Merchant Tailors.

At No. 29 Twelfth street. This firm, from its inception, has given entire satisfaction to its numerous patrons, and attracted much favor and patronage from persons who have hitherto had a particular place at which to leave their orders for clothing. Fully appreciating this flattering compliment, the proprietors determined to leave nothing undone to meet the growing requirements of their trade. Knowing that a first class artist in the Cutting Department is of the most important elements of success, they determined at once to secure the services in this department of an artist who would be likely to command a trade by virtue of his superior skill in the difficult art of cutting garments. Being aware that some of the best talent in the country—in this line—is established at the National Capital, and in other eastern cities, they determined to secure the services of a master in this art. Overtures were made to one of the most celebrated Cutters known in the east—Mr. CHAS. PALMER—who, after some negotiation was induced to accede to the flattering offers of Messrs. Reed & Co. This gentleman had been in the employ of the house of Mr. GEO. B. KEENE, one of the most fashionable establishments in Washington City, and has certainly no equal in Wheeling as a scientific designer of garments. Being now better prepared than ever to meet the wants of the trade—both as to stock of goods and a superior force of workmen—they hope to please their trade more fully than ever, this with them being an important consideration—for if a customer is well satisfied his patronage may be permanently depended on. What has been said by the eminent John Ruskin in relation to art painting, &c., will apply with equal force to DRESS, for there is nothing that tells more forcibly—for or against us—than the kind of taste we display in the style and fashion of the apparel we wear. To “*dress well*,” it is not necessary to be a “*fop*”—a “*fop*” is far from being a well dressed man.—indeed we know of no more pitiful object than a “*fop*,” except it be a “*sloven*,”—for either of them excite our pity, if not disgust; they are fair specimens of bodies inhabited by disordered minds. A well dressed man shows in his costume a commendable regard for the exactions of genteel society, and impresses the reflecting part of the community at once with the gentility of his appearance. Elegance of style, it may be said, a passport to good society. HARMONY and REPOSE are considered to be the cardinal elements of ARCHITECTURE—so, in like manner, are they the pervading features of symmetrical costume. Reader, do you see that ill-dressed fellow on the opposite side of the street—that man with his pantaloons rolled up at the bottom and the cuffs of his coat turned up, whose vest fits him so tight that he is nearly out of breath, with a face as red as a beet, and has a crowd following him and laughing at him? His name is Stubbs, and he has just got a new suit of clothes from Snip & Co. These men have told poor Stubbs that the pantaloons legs and the coat sleeves will “*shrink*,” and that the vest will “*give*” with wearing!! Our wrath warms within us when we think of the shabby practices such impostors resort to, to get rid of the results of their ignorance in a branch of trade for which they never were designed. We feel like exclaiming with



Emilia, in the play of Othello, when she invokes Heaven "to put in every honest hand a whip to lash the rascal naked through the world." The ill-fitting suit of poor STRUBBS gives the lie with some emphasis to the familiar lines of the poet, "Man wants but little here below, nor wants that little long," evidently S&C did not share his opinion, or they would not have been so prodigal of their goods in making the legs of the pantaloons and sleeves of the coat of such a superfluous size. If such a miserable suit could by any possibility be gotten up by L. C. Reed & Co., they would rather sink their whole stock than permit the customer to stalk around advertising them in the manner that STRUBBS is doing for S&C, for as Hamlet says "though it make the unskillful laugh, it cannot but make the judicious grieve." Messrs. Reed & Co.'s establishment is a large three story building, which is stocked with a full and varied assortment of Foreign and Domestic fabrics of the latest designs of choice, fashionable and desirable styles, goods that cannot fail to please the most fastidious tastes. Visiting this resort of fashion lately, the proprietors politely proposed to "show us through;" we at first declined—for what right has a poor, half-starved editor, who hardly knows where his next market money is to come from to be put to the torture of a temptation, which might lead to theft on his part of some of their beautiful goods, had he an opportunity. But as these gentlemen would insist on "showing us through," we permitted them to do so, observing at the time that they kept a "sharp look out" on our movements during the operation. We saw so much to bewilder us that we can only say that their stock is certainly one of the best that was ever brought to Wheeling. So confused were we with the variety, elegance, and splendor of their goods, that a great deal of the result of our visit must remain untold. But we still remember seeing an endless line of English, French and American Broadcloths, Cassimeres, Meltons and Worsted Goods, which were supplemented by a full variety of fancy articles for gentlemen's wear, such as Diagonals, Tweeds, and every other novelty usually found in a first class store of the kind. With an abundance of capital, and a stock replete with the elegancies of the trade, and a superior designer of garments in the cutting department, they feel confident of their ability to suit every taste, both as to style, "cut," and price.

GEO. W. JOHNSON.

Copper, Tin and Sheetiron Ware. 1210 Main Street.

The above is one of the pioneer firms of this city, and one that is deserving of more than a passing notice in a work professing to give an adequate display of the business advantages of Wheeling.

The business was originally founded in 1833 by the present owner with a cash capital of the most meagre dimensions, but with a large amount of energy and executive ability which made the business a success from its inception, and is now steadily increasing.

For a number of years the business was carried on on Market street above Union (now Eleventh), but the rapidly increasing trade necessitated a removal into larger and more commodious quarters at No. 1210 Main street. The premises now occupied is a large three story brick building 20x100 feet. The upper floors of which are used for manufacturing and the lower one as a store or salesroom.

Besides the manufacture of Copper, Tin and Sheetiron ware. There will also be found a full and complete stock of japanned and house furnishing hardware and tinner's stock.

About \$5,000.00 worth of stock is carried and an annual business of about \$3,500.00 scattered through Ohio, Pennsylvania and West Virginia, besides a fair amount of local trade.

Twelve skilled workmen are constantly employed in the manufacturing department which requires an annual outlay of several thousand dollars.

W. D. Johnson is the head salesman in the store and has won for himself an army of friends, because of his gentlemanly bearing and honest dealings with customers. Mr. G. W. Merchant has charge of the books.

The proprietor, G. W. Johnson, has been long identified with the business interests of Wheeling. He was born in Pittsburgh on the 22d day of February, 1811

and removed to this city when he was quite young. He is a gentleman of extended experience in his line of business and his superior facilities for doing his work quick, and at the same time good, enables him to rival all competition.

HARPER & REO..

Wholesale and Retail Hats and Caps, 1101 and 1221 Main Street.

Away back in the pioneer days of Wheeling the above business was established by Mr. S. D. Harper with a cash capital of one hundred dollars, but with an unlimited amount of energy and business knowledge. For a number of years the business was successfully carried on by its founder, and from its inception proved to be a success steadily and gradually increasing.

At the decease of Mr. S. D. Harper, in 1858, the business passed into the hands of his sons, the presents owners, who, being endowed with their father's spirit of industry, have kept the business moving forward until now they have two stores, viz: wholesale and retail. The wholesale store is located at 1221 Main street, in a large three story brick building 22x90 feet, and is thoroughly stocked with all the latest styles of Hats and Caps. The retail store is at 1101 Main street and is also a large building 20x60 feet, where also will be found a large and varied assortment of Hats and Caps. An average stock of about \$30,000.00 is carried in both stores, and a business of \$50,000.00 per annum. Five assistants are employed as follows: E. H. Dick, bookkeeper; G. B. Turner, W. C. Young, G. A. Benter and C. A. Reed, salesmen.

The trade of this house extends throughout Western Pennsylvania, Eastern Ohio and West Virginia.

The proprietor is a native of this city, having been born here in 1834. He has all his life been devoted to the business interests of this city, and has won for himself a reputation for honest and upright dealings with his customers.

There are few businesshouses in this or any other city that can show such a successful business record as does the above. Starting with a capital of \$100.00 and after weathering the storms and adversities of almost half a century, now stand a monument of industry and energy. This house is truly deserving of the success they have attained.

G. E. JACOBS.

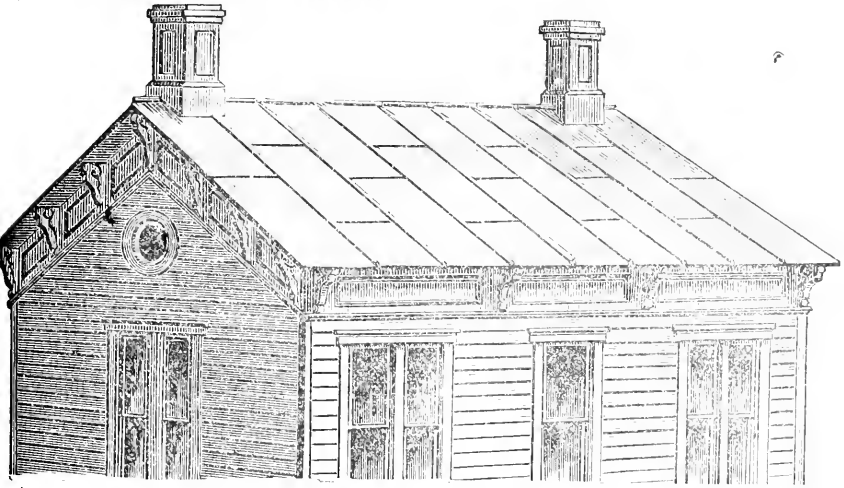
Wholesale and Retail 99c. Store. Manufacturer of Picture Frames, &c.

This house was first opened by D. W. Lovell & Co., in 1877, who sold out in a short time to the present proprietor. This is the first store of the kind that ever was in Wheeling in this particular line of trade. The proprietor now occupies the large four-story building on the west side of Main street, No. 1113. It is 22 ft. front by 118 ft. deep, and one of the largest rooms in the city. Among his stock may be found fancy and staple goods in great variety and quantity. Mr. Jacobs assures his customers that they can invariably save from twenty-five to fifty per cent, by purchasing goods from him at the reliable 99c Store. He wishes all to end and be convinced that he makes no idle boast in this matter. Many people are disposed to question the fairness of dealing at stores of this kind. Why should anything about it be unfair? Every article is displayed that is quoted at 99 cents. You do not need to buy it if you think it dear. No advantage whatever is taken of the customer nor can be. The case stands thus: The goods are for sale and belong to *Mr. Jacobs*, and your money belongs to *you*; if you prefer an article that he offers you for 99 cents to *that amount of money*, you *buy* it, and there is the end of it. Nothing can be fairer, and to show you that he gives you even more than the value of your money, we will ask, how does it come that so many go there and purchase and never wish to exchange what they have bought, like they often do in other stores? Why, it is because they are pleased with their bargain, and know that they got more for 99 cents than they can elsewhere.

Dealers and others desiring to buy at wholesale should not fail to call and get Mr. Jacobs' prices before purchasing elsewhere. Even if you do not purchase, it will afford Mr. Jacobs pleasure in showing you through his mammoth store. He

will have in stock the largest selection of holiday goods in the city to choose from, of all styles and designs for both young and old.

CHANDLER & HALDEMAN.



Manufacturers of Smith, Haldeman & Chandler's Combined Cap and Anchor Iron Roofing Patented May 9, 1876. The above engraving is illustrative of the character of their work.

These gentlemen are located at No. 1116 Water street. This is a new enterprise in Wheeling, indeed it is a novelty, and a very important one to the people everywhere. It simply puts a question to every one, as to whether, in getting a new roof, a durable roof is not preferable to one that is perishable and almost always out of order. We all know what troublesome and vexatious things shingle roofs are—how liable they are to take fire. In times gone by the tin roof has been adopted as preferable to the shingle roof on this account, and also for its admitted durability over one made of shingles. Admitting that a roof made of tin is better than one made of wood, is, when carried to its sequence, the strongest argument in favor of Messrs. Chandler & Haldeman's iron roof that can be offered—for as the thickness of sheet iron is in proportion to tin—just in the same proportion is a roof made of thick sheet iron superior to any roof that can be made of so thin a material as tin. Any one possessing the least judgment, we think, would readily admit this; the question of course is one of cost. The proprietors assure the public in their circulars, that the cost of one of these durable roofs is even less than one of tin. As to the slate roofs, they are expensive and troublesome on account of the quality of the stone from which slate is made. In Europe, where slate roofing is much in vogue, the slates are made of a much better and more durable article of stone than they have hitherto been made of in this country. These gentlemen have their manufactory on Water street, in a building 24 by 136 feet, where they sell their work as fast as they can turn it out. It is, as we said before, a new enterprise, but it is bound to bring an enormous trade to the proprietors. Everything is in its favor, as to durability and economy, and the very best thing about it is, that not the least objection can be urged against it in any respect. They assure us that they receive orders from all parts of the country, which we do not wonder at.

These gentlemen take pleasure in referring to the following persons who are using their roofing: Taylor Temple, Hanoverton, O.; Martin & Fox, Hanoverton, O.; Col. Pearce, Cadiz, O.; Martin Shively, Onedia, O.; D. McGarry & Co.,

Salineville, O.; Mizer & Co., Paris, O.; Charles Hagan, Dungannon, O.; Conrad Myer, Barnesville, O.; Luther Moses, Cleveland, O.; H. Bowley, Cleveland, O.; John Grove, Youngstown, O.; Albert Crook, Augusta, O.; George Fryfogle, North Georgetown, O.; William Noble, Harlem Springs, O.; A. A. Fawcett, Killgore, O.; M. E. Church, Washington, Pa.; Jackson Craskey, Jefferson, O.; S. J. Hooper, East Springfield, O.; Dr. Stockin, Carrollton, O.; Hiram Swartz, Lone Pine, Pa.; Phillip Done, Indianapolis, Ind.; Henry Craven, Pendleton, Ind.; H. H. Howard, Greenfield, Ind.; R. R. Hayes, Warrington, Ind.; George Baxter, Fairview, West Va.; P. Stevenson, Coshocton, O.; Smith, Johnson Bros. & Co., Greenfield, Ind.; L. M. Pierce, Hagarstown, Ind.; L. J. Ruth, Corrinne, Utah; Jas. L. Howley, M. R. Hobbs, Henry Mertz, C. H. Booth & Son, James R. Acker, H. S. White, Whitaker Iron Co. and John Gibson, Wheeling, W. Va.

J. BERGER & BRO.,

Leather, Shoe, Findings, Tannery, Supplies, &c

This establishment is situated at No. 1032 Main street, corner Market alley, and was founded originally by Jacob Berger—father of the present proprietors, on the first of July, 1849. In the fall of the same year the firm was changed to that of Berger & Hoffman, which continued until the death of Mr. Jacob Berger, Sr., April 25, 1867, and was continued under the same firm name—Mr. Jacob Berger of the present firm assuming his father's place. In April, 1877, the firm became J. Berger & Bro.—Mr. Hoffman retiring—who carry on the business more extensively than formerly. The building in which the firm transact its business is a three story one, 110 feet long by a frontage of 22 feet. The individual members of the firm are Jacob and Charles E. Berger, gentlemen who have put in nearly a lifetime in the business, and in consequence of this may be presumed to possess qualities for the trade of no common order. Indeed, the amount of business done by them is a sufficient guarantee of this—were any wanted. The amount of invested capital is \$30,000.00, upon which an annual trade of \$110,000.00 is realized. It is by all odds the largest enterprise of the kind in Wheeling. Both of these gentlemen are natives of this city, and have seen the business originate with their father nearly a generation ago, and advance step by step to its present flattering magnitude. They are both of them practical business men, and have the concern entirely under their control—even to its simplest details. They have a large home and foreign market—their sales extending through West Virginia, Maryland, Southern Pennsylvania and Eastern Ohio.

PLATOFF ZANE.

Real Estate Agent No. 35 12th Street, Franklin Insurance Building.

This gentleman will be found at the above location, where he has opened an office and where he does a general real estate, collection and broker business. Although but recently starting in his present business, Mr. Zane's genial qualities, known integrity, ability and experience in the business of his choice, has already secured him a large business. Mr. Zane is a native of Wheeling and well acquainted with the value of real estate in this city. Mr. Zane has taken charge of several of the large estates, representing in the aggregate, close on to a half million of dollars, and his ability and energy have been manifested in an eminent degree in placing and keeping the affairs of these large estates in perfect order. He is an active, energetic and reliable young man. In addition to renting property in all parts of the country and city, Mr. Zane devotes special attention to the management of estates and collecting rents, paying taxes for non-residents, placing insurance in reliable companies at advantageous rates, and every description of the real estate and general agency business. He has in every position occupied by him proven to be a genial, affable, courteous gentleman of unblemished character, undoubted ability and irreproachable reputation. Mr. Zane solicits a share of the public patronage, confident that he can give entire satisfaction.

WHEELING HINGE COMPANY.

Manufacturers of Strap and T Hinges, Butt Hinges of all kinds, Wrought Goods, Washers, &c., &c.

The manufactory is situated above Chapline street, near the creek, and covers a piece of ground 376 feet long by 132 feet wide, and employs one hundred and forty hands, at an expense of \$36,000 per month. This business is, although a novelty, one of the most extensive enterprises in the city, and only second in size to any of the kind in the United States. The officials of the firm are A. G. Robinson, President; L. E. Hanson, Vice President and Manager, and David Baird, bookkeeper. It was started in 1865, with a capital of \$50,000, which is now increased to \$410,000. They do an enormous business, surprisingly so, when it is considered that it was at first an uncertain experiment. Their sales annually amount to over \$200,000! This is enterprise beyond a question, and when the present dull times have passed away, or improved somewhat, the company have every confidence that their business in the near future will surpass by far anything that their books have hitherto shown. It is very certain that the commodities which they manufacture have a sure hold on such trade as may need them. The stock cannot be bought any more, except at fancy figures. They are always in possession of large amounts of orders ahead. They have now almost as much to do as the capacity of their works will turn out, even in these dull times. Their business is large at home, but outside orders come from the British dominions, on this continent, from California, the northwestern States, the East, New Orleans and the Gulf coast—in fact, it may be said their trade permeates the whole country. This certainly is one of Wheeling's most magnificent and profitable enterprises, and points plainly to a solid, enduring and increasing prosperity for the fortunate proprietors. Should their trade increase, which doubtless in the future it will, an enlargement of the present large works must necessarily follow.

CENTRAL GLASS COMPANY,

Manufacturers of Tableware, Bar and Lamp Goods, No. 1501 McCulloch St.

Of the many business enterprises contributing to the credit of Wheeling's fame as a manufacturing and business center, there is undoubtedly no one single establishment of any kind that has, by its capable management, its evidence of practical skilled work, done more to bring about this result than the Central Glass Company. The many improvements that have been made in the manufacture of Glass and Glassware during the past fifteen or twenty years, have nowhere been so pronounced as in Wheeling. The fact has been fully established that our city produces goods in this material, not only superior in quality, but of such marked excellence and beauty of design as to outrank all competition in the United States. The Central Glass Company has taken the lead in adopting every improvement, and must be ranked as the most prominent establishment of its kind in this section of the country. This widely known house was established on the co-operative plan in the spring of 1863, with a capital of \$5,000. Three years later they bought the ground and buildings of the East Wheeling Distillery and Pork House, and remodeled them for the purpose of manufacturing Glass and Glassware. In 1867 they applied for a charter, having determined to conduct their business as a joint stock company. The capital stock was increased to \$80,000, from the original amount of \$5,000. One feature of their rules of government was adopted at this time, that they reserved the right of buying and canceling all the shares that might be offered for sale by its individual members. Working under this law the original 134 shares have been reduced to less than one-half. Several years ago the capital stock was again increased to the amount of \$260,000, under which amount they are now working. As far as the facilities for manufacturing glassware are concerned, this house is supplied with every advantage conducive to a large and choice product, and they have the gratifying knowledge that the years of close personal attention, energy and enterprise have enabled them to reach the goal of their ambition fixed when they first started of making their establishment one of the largest and most complete Glass Factories in the United States. The plant is an extensive one, and is generally acknowledged to be the most extensive and practically arranged establishment in the country. Up to the year 1872 they operated two furnaces; during that year they added another, making three; they also added the necessary out-buildings required by their increased capacity. On the west side of McCulloch street is situated their elegantly arranged two-story warehouse, 187-70

feet, in which are the offices, selecting and packing rooms; the packing room is 65x84 feet. These buildings are especially arranged for their business, and are the most perfect and extensive in their details and facilities of any establishment in the United States. Both of these buildings are connected with the main factory on the east side of the street by an elevated bridge, upon which is laid a narrow-gauge track. A steam elevator hoists the glass in open land-boxes from the factory floor to the bridge level, which is the same as the floor of the selecting and packing rooms. The main factory contains the following departments: Mould and machine shops, cutting shop, pot-making rooms, Blacksmith and carpenter shops, engine house, coke ovens, mixing room and six annealing ovens. They employ in the transaction of their business an average force of 330 hands—the weekly pay-roll amounting to \$3,300. In connection with their works they own a coal field of fifty acres.

The trade of this house amounts to \$300,000 per year and is increasing rapidly, and extends not only over the whole Union, but reaches the Canadas, West Indies, South America and Europe. Their hitherto large trade with Europe will be reduced by the new tariff of the German government, which goes into force in January, 1880. Mr. John Oesterling, the President of the Company and one of its founders, is well known in the community as an enterprising, energetic man, of positive business abilities. His capacity for business has been recognized by his fellow-citizens—he having been called on by them to serve in positions of honor and trust—being President of the German Insurance Company, Director of the German Bank and at one time a Member of the City Council. Under his direction the business policy of the Central Glass Company is honorable, liberal and progressive in every respect, and for these high characteristics he has attained a position at once creditable and substantial, placing his house in a position, through his policy, entitling it to the very highest commercial respect and the consideration of the public.

GEO. R. TAYLOR.

Retail Dry Goods, No. 1150 Main Street.

There are few men now engaged in commercial pursuits in this city who have been longer associated with its business interests than Geo. R. Taylor. Coming to Wheeling in 1844 from Frostburg, Maryland, Mr. Taylor connected himself with the house of Marsh & Bro., the house becoming Marsh, Taylor & Marsh, a house which from its inception has always ranked first, both as to the amount of business done, amount of stock carried and the quality of the goods carried in stock. The Messrs. Marsh retiring, Mr. Taylor became sole proprietor. Mr. Taylor occupies one of the most elegant buildings used for business purposes in the city. It is a three-story brick, with an ornamental front, 132 feet deep and 24 feet wide, built by himself in 1866. So large has Mr. Taylor's business grown in the last twenty years, that the three immense floors in this building are scarcely adequate to accommodate the stock necessarily carried to supply his custom—his stock varying from \$50,000 to \$75,000. There are several departments connected with Mr. Taylor's establishment, each under his admirable, systematic and attentive management, occupying their proper locations. Mr. Taylor makes a specialty of first class foreign goods, and from his long acquaintance with the business and experience, he has acquired a judgment and reputation which few enjoy, and he presents a notable example of what a life-time of honorable dealing, industrious habits and careful business diligence will accomplish. His store, which is one of the largest, is stocked with one of the most carefully selected and complete lines of Dry Goods to be found in the West, both in Foreign and Domestic styles, and probably the finest and most approved makes of Foreign fabrics in this section will be found in his stock. His corps of assistants are courteous, accommodating gentlemen, ready and anxious to please, eager to spare no pains to gratify the tastes of all customers. It is hardly necessary to state in conclusion that such establishments as this have great weight and influence in making up a city, adding to her prosperity and invaluable reputation for energy and progress. Mr. Taylor is conscientious and thorough in his business, two most admirable traits, from which has largely proceeded his success in life. His is beyond cavil, one of the representative enterprises of Wheeling, well worthy of all the commendation we can give.

WM. A. MANLY,

Manufacturer of Shirts and Underwear, 1321 & 1323 Market St., second floor.

A want long needed and desired has been satisfied by the advent of Mr. Manly

in this city, and the establishment of his meritorious shirt and underwear factory. No one can so well appreciate the value of Mr. Manly's enterprise as the many sufferers of the vexatious and temper trying inflictions of ill fitting shirts. There is in truth, nothing so well calculated to mar the serenity of a man's disposition and temper as the badly made and badly fitting shirt; and he is not alone the victim of this peace destroyer; but his friends, his whole family should be blessed with one, feel the noxious presence and bad effect of this disturbing affliction. Mr. Manly comes then as a harbinger of peace, a foe to bad temper and a blessing to the average man. His make of shirts, each and every one not only cut by himself, but receiving his personal supervision while being made, are marvels of good fits. Mr. Manly learned his business in Akron, Ohio, where he also carried on business for several years. He came to Wheeling in March, 1878, and established himself at his present place of business. He has already established a good and increasing trade, and if merit and a clear understanding of business deserve success Mr. Manly is surely entitled to it. He makes the Diamond Shirt—a trade mark or name of his own origination.

PARSONS.

Here is a name that is known far and wide, indeed it is not necessary to even give the initials of his full christian name, nor his line of business, nor even the number of his establishment to the citizens of Wheeling, but for the benefit of those who do not know him, and surely they must be few, we will do so as to his business and place of doing it. He is one of the most foremost Photographers of the day, and does his superb works of art in the upper rooms of the buildings known as McLain's Block, Entrance on Market street. He is the successor of A. C. Partridge, who started the Daguerreotype business in this city in 1849, with whom the writer of this was personally familiar, and who was thought to have made all the improvement in this particular line of art that was attainable by mortal skill. However, "time works wonders." The writer has a likeness of himself taken by Partridge, and need he say that since he has seen the improvements in this beautiful art subsequent to that time, he has, in the Pinaforen language of the day, "hardly ever" looked at his likeness taken in the *olden time*. Parsons' work is "a thing of beauty and a joy forever." His business has increased 1,000 per cent. since he came to Wheeling. The size of his establishment may be easily conceived, by simply stating that the aggregate flooring of the same comprises an area of 2,000 square feet. There are four departments, in which six operatives are employed. He authorizes us to say that he would not fear to compare his work with that of the most celebrated in the eastern cities. We should be disposed to call him a bold man had we been a stranger to his work, but having seen it, we think the gentleman would run but little risk, if any, by such comparison. His trade, like his name, extends far and wide. He first opened business in New York State. Read the following graceful tribute from another pen:

"THE UPPER TEN."

What We Failed to State Elsewhere.

In our report of the levee given by the President of the Wheeling Female College, we failed to mention an object, which among the numerous adornments of the reception room attracted most attention. We refer to the frame which stood on an easel in the southeast corner of the room, surmounted by an exquisite bouquet of flowers, containing the photographs of "The Upper Ten." The frame was of a Grecian pattern, square, with oval centre, heavily beveled and embellished with gold. A silk velvet mat contained the pictures of the graduates, and the style of the whole affair was never before equaled. For the past three years the celebrated photographer, Parsons, has been making the "class" pictures, and each succeeding collection out-rivals its predecessors. Those who were present at the levee and saw this masterpiece of beauty will agree with us when we say that in or out of Wheeling no better or finer work is turned out than now emanates from Parsons' popular gallery. "They all go to him," is a cliche expression in this city, and he has earned his large patronage by hard and faithful study, and the application of such knowledge to the practice of his profession. Parsons employs no operator, but personally makes all sittings.

JOHN C. MILLER & SON.

Wholesale and Retail Dry Goods and Groceries.

The above store is situated at Nos. 2337 and 2339 Chapline Street, Center Wheeling. The business was commenced in 1860 by Mr. John C. Miller, on a capital of \$3,000, which was the foundation of a trade that has increased five times in volume since it was first begun. On the first of July of the present year, Mr. Miller associated his son, Charles R., as a partner under the firm name as above. The capital now invested is \$4,000, upon the basis of which a trade is done of \$20,000. There are two storerooms, 20x81 and 18x81, in which are employed three assistants. The Grocery Department is under the supervision of Chas. R. Miller, and is well stocked with a full line of Foreign and Domestic Groceries. They are always fresh, and are sold at prices that are as low as the lowest. Mr. Miller is a polite gentleman and has a host of friends in this city. The Dry Goods Department is in charge of the senior partner, John C. Miller. Here you can find anything you wish, from the finest imported fabrics to the cheapest Domestic Cottons, and at the lowest prices in this city. We would advise our readers to give this house a call, and get value received for their money.

Mr. J. C. Miller was born in Pennsylvania in 1832, and came to this county in 1841, and to this city in 1853. He has been a member of the City Council two years, and is now a prominent member of the Board of Education, and has served in the same capacity for six years. His trade in the city is a large and lucrative one. It also extends to quite a distance abroad, although the largest part of his country patronage comes from Ohio and Marshall counties in this State. He has both of his large storerooms well stocked with a full variety of goods, such as are always to be found in a first class Dry Goods and Grocery Store. These goods he offers either in large or small quantities, at such figures that you will be sure to find it to your interest to buy of him, should you give him a call.

J. S. RHODES & CO..

Wholesale and Retail Dealers in Foreign and Domestic Fine and Staple Goods. Main Street east side, just above the Exchange Bank, at Nos. 1153 and 1154.

In 1839, the senior member of this firm was a clerk for Jacob Senseney, Esq., in the same line of business. By application and upright conduct was taken into partnership by Mr. Senseney in 1843, he continued with Mr. S. until 1848 when he commenced business for himself without capital, in the room now occupied by Logan, List & Co., on bridge corner, staid there for several years, but believing he could improve his business, he removed to the large room corner Main and Fourteenth streets, remained there for six years and removed to one of the rooms in the block which he now occupies. He has been in business long enough to make himself, if so disposed, not dependent on selling dry goods, or anything else for that matter, and some men, instead of opening a second store, would have retired from the business altogether, and enjoyed the handsome competency which he possesses without any further solicitude as to future business enterprises. Our friend Rhodes, however, did not take this view of the matter. Not satisfied with doing one of the most extensive and fashionable businesses in the city, he has made a vigorous effort to double it if possible. The firm have rented the adjoining room and remodeled it, and have made several openings from one room to another, so that although it possesses two large three story fronts, yet it is to all intents and purposes, as at present arranged—but one store and a mammoth one it is. The premises are forty-four feet front by one hundred feet deep. There are sixteen employees in the establishment, who collectively receive one hundred and thirty-five dollars weekly for their services. The individual members of the firm are Jacob S. Rhodes, P. M. and W. S. Rhodes. The senior partner was born in Frederick county, Virginia. The junior partners were born in Wheeling. There is no question that this large establishment leads everything of the kind in the city. They were very fortunate in opening the new room where goods are to be had at very low figures. They made almost the profits of a year's business by this operation alone. They are all polite gentlemen, and should you send your child there for anything, it can buy it as low as you could yourself. Good goods, large sales and small profits is their motto.

HANDLAN, RATCLIFFE & CO..

Dealers in Dry Goods, Groceries, Notions, &c., Corner Thirty-sixth and Jacob Streets, South Wheeling.

This business was originally started in August, 1853, on a small capital by other parties. The present firm succeeded the old one in 1865, and put in additional capital, which with the original investment, has increased to \$20,000, upon which they do a trade of from \$20,000 to \$40,000 annually. This business is conducted in two buildings, 50 by 100 feet in the aggregate, and requires the services of four hands to conduct it. The trade of this establishment is very extensive, and constant. The store being the largest one in the Eighth ward, and the ward being the largest ward of the city, it may be inferred that this establishment gets a large amount of the trade of this locality, as they keep a first class store in every respect. You can get everything from Messrs. Handlan, Ratcliffe & Co. that you can get at an uptown store, just as good and quite as cheap, from a fine dress down to a row of pins in the dry goods line; and in the grocery line you can be furnished with all that is required for the table, or for household purposes, from a barrel of flour down to a box of blacking. It is an enterprising concern, and noted for low prices for everything sold over the counter.

JOHN W. McNELL & CO..

Importers and Wholesale Dealers in China, Glass and Queensware; No. 1415 Main and No. 1414 South Streets. Successors to Jno. W. McNell, Sr.

This is an old house, it was first established by the latter party (now deceased) in 1852. It is one of the staunchest business houses in the city. The business is carried on in a fine two story building twenty-three feet front by one hundred and thirty-five feet deep; the rear fronting on South street just facing the Baltimore & Ohio R. R. freight depot, thus having facilities for shipment possessed by but few houses in business in Wheeling. This house carries an enormous stock of the wares alluded to before, which it is prepared to job to city dealers, or country merchants at Eastern quotations. It ships goods in bulk to Eastern Ohio, Southern Pennsylvania, Maryland, and pretty generally through West Virginia.

Being importers, they of course can, and do sell at close figures; in consequence of which it is easy for them to command and hold a very heavy jobbing trade. The old house of Jno. McNell, Sr., was a synonym for honor and fair dealing; this laid the broad and deep foundation for an extensive trade. The traditions of the house have been well sustained by the present firm. This has brought them to the reward that fidelity ever brings—success. The present house is doing a much larger business than ever the old house did. Messrs. McNell & Co. are painstaking, energetic and well enterprising business men, and well deserved that success that has attended them in the past, and further success in the future.

FRED. HOFFMAN.

Manufacturer and Dealer in Furniture, Bellaire, Ohio.

Prominent among the manufacturing and business interests of Bellaire, and one that is deserving of more than a passing notice in a work devoted to a proper display of the manufacturing and commercial advantages is the furniture establishment of Fred. Hoffman. Originally founded by Arbenz and Hoffman it has been a success since its very inception, and since the withdrawal of Mr. Arbenz from the firm it has kept its standard of excellence under the very able management of the present owner.

Besides the manufacture of furniture he keeps on hand a large and varied supply of Window Shades, &c. There is also connected with the above establishment an undertaking department where such work will be promptly and properly attended to.

The above establishment is situated at No. 233 Union street and is a large two story building 20x50 feet wide, stocked with goods worth from three to five thousand dollars according to the season. The trade, which extends all over Belmont county, will average the neat little sum of \$40,000.00 per annum and is rapidly increasing. Mr. Hoffman was formerly a native of Monroe county, but came to Bellaire in 1863 to embark in business for himself, and by the strictest integrity, perseverance and attention to business he has won the esteem and confidence of all who have had dealings with him. We can heartily recommend this establishment to our subscribers.

THE HOWE MACHINE CO.

Sewing Machines, No. 55 Twelfth Street.

There is nothing goes so far in these days of progress and labor-saving improvements as the Sewing Machine. Nothing that so completely makes up of family conveniences. It is evident that an article coming before the public for its patronage must possess intrinsic qualities recommending its adoption, before it can command the attention and good will of the capricious customer. Such a machine the Howe Company claim they manufacture, and judging from their success not only in this, but in all parts of the country they have established a just right to the claim—their sales reaching 1800 per year. Elias Howe was the inventor of the sewing machine, probably one of the greatest inventions of the age, and from him the machine takes its name. The present company was incorporated in 1871, with a capital of \$2,000,000. This machine, although nearly perfect before, has been greatly improved during 1879, until now it is the easiest, lightest and most noiseless running machine in the world. The production of natural genius and mechanical skill, linked with such symmetry as to furnish a sewing machine that is absolutely perfect in every part, satisfactorily filling all the requisite points that could be conceived by the most capacious mind. Mr. E. L. Rose, the manager, came to this city from New York, and took charge of the office in 1876, and since his advent here the business of this agency has increased fully 100 per cent., and is still under his capable management, steadily increasing. There are branch offices of this agency, in Parkersburg, conducted by Mr. H. J. Hilderbrand; in Grafton, conducted by Mr. J. H. Kidwell, and in Bellaire, by Mr. J. H. McFarland. Besides these there are twenty agencies and thirty-four agents. In the Wheeling office Mr. J. H. Rose is city manager; Mr. A. Donel, bookkeeper; Mr. J. L. Ballard, Adjuster; J. Bigelow, F. Basnett and O. P. Turvey, collectors; Miss S. Burtstein, saleslady. They carry about \$10,000 in stock, and the monthly pay roll amounts to \$785. The trade of this office extends through the northern part of West Virginia and eastern Ohio. The office is centrally located at No. 55 Twelfth street, in Washington Hall building, one of the best locations in the city. The office is probably the finest furnished office in the State. This machine ranks as one of the most successful of American achievements, and has silently but surely ingratiated itself upon a basis of actual merit, into the favor of the people, who are never slow to appreciate the advantages possessed by another. Constructed upon simple, not intricate principles, and accurate ideas of mechanism, it enables the operator to produce rapidly and perfectly stitched pieces of work with the least possible power and noise. From one end of the country to the other, the Howe is considered a family blessing.

PHOTOGRAPHIC GALLERY.

F. W. Plummer, Photographer and Dealer in Picture Frames, Photographs' Albums, Stereoscopic Views, &c., Hornbrook's Hall, No. 1138 Main Street, east side.

This gentleman has a capital of \$2,000.00 invested in this important trade, upon which he does a business of \$5,000.00 annually. He has lived in Wheeling for over twenty years, and since 1773 he has been carrying on the taking of likenesses in colored and plain photographs, in which he has met with commensurate success, and given the most unqualified satisfaction to his numerous patrons in the city and those from abroad. His room is unquestionably one of the most spacious in Wheeling, being one hundred and fifty feet long by twenty feet wide. Mr. Plummer is a Virginian by birth. He is an adept at getting a good pose of a sitter, which is a consideration of the first consequence, for what spoils an otherwise good picture more than to see the subject of it in an awkward position—apparently uneasy and looking at you with a vacant stare as if he was a lunatic, or half witted at best? How many of such monstrosities are turned out by incompetent artists. There is a charming air of ease expressed on every likeness that this gentleman suffers to go out of his celebrated establishment. Even children of tender years, so difficult to take on account of their restlessness, are not at all unmanageable by Mr. Plummer. He will get you as good a likeness of your child as of yourself. Reflect for a moment. Have you not one, or more of children whose likeness have never been taken? You do not know how long these precious frisks will be spared to you. This being the case go to Mr. Plummer by all means, and at once, and secure their pictures while you have a favorable opportunity.

WM. HARE.

Practical Plumber, Gas and Steam Fitter.

Mr. Hare is also a dealer in Lead, Iron and Drain Pipe; Brass Goods, Steam and Water Gages, Pumps and Gas Fixtures. The finest assortment of Chandeliers and Fancy Globes in the city kept constantly on hand, at No. 33 Twelfth street. This is the oldest establishment, and perhaps the largest of the kind in the city. We doubt if a street in the city can be named which is traversed by either gas or water mains, in which Mr. Hare has not left some mementos of his notable skill as a workman, in the way of making attachments to either or both, by piping for tenements, stores, or manufactories. We say this, having some knowledge of the nature of his business for the last twenty odd years. He is admitted to be a master workman by the public generally, and even by rivals in business. He is one of the most unobtrusive of men, and so modest is he, in his general demeanor, that, by the observer, he would be more likely taken for one of his own journeymen when at work, than the proprietor of the job. He employs ten hands in his business, to whom he gives constant employment. Mr. Hare does a very large outside street and house business, besides keeping a large three story store stocked from top to bottom with a very large and magnificent stock of goods appertaining to his line of business. His present store is a new and costly modern edifice, which he put up some years ago on a lot owned by himself. His work always gives satisfaction, which is the key to the great and never varying prosperity that has followed him so many years.

NESBITT & SON.

Copper, Tin and Sheetiron Ware, No. 1040 Market Street.

This enterprising firm is composed of Messrs. W. J. Nesbitt and Wm. Nesbitt. Their establishment was started in July, 1879, and is of course as yet in its infancy, but if careful business habits, prudent management, workmanlike devotion to their occupation are indicative of success, they surely deserve it. They occupy already a respectable position among our business houses. They deal in all kinds of Copper, Tin and Sheetiron ware, Stoves, Grates, Fenders, &c. They employ three hands and are practical workmen, and anything in their line entrusted to them receives their personal attention.

M. MARSH & SON,

No. 1202 Water Street, Wheeling.

Manufacturers of Fine and Common Cigars, and Dealers in Tobacco and all Kinds of Smokers' Materials. Mr. Marsh, Sr. was born in Smithfield, Ohio, and the son was born in Wheeling. The father came to Wheeling at a very early period. Sometime after this, as far back as the year 1840 he commenced the Tobacco and Cigar business in a small way, which has increased to its present large dimensions. The reputation of Wheeling "Stogies and Tips" is co-extensive with the nation, and none are more celebrated than those which are manufactured by this enterprising firm. The senior partner assures us that he ships goods, from time to time, to every State in the Union. He is admirably located for the steamboat trade, which business he does the greatest proportion of, from the fact that "Marsh's" Cigars are well known by river men from Pittsburgh to New Orleans—in fact on all the Western waters. They employ a great many hands, and are very exacting as to the quality of work turned out. There are but few smokers who have not noticed the extremely small cigars—especially "Stogies" and "Tips"—that some dealers make, and sell to their customers. The "trick" may easily be seen through, and most generally is, by the customer, who is not apt to deal long, however, where they practice such an impudent piece of imposture. This practice is not permitted at Marsh & Son's; every cigar is well made, of first-class tobacco, and of full length and thickness, whether it be a fine cigar or a common one, the proprietors knowing that it would just be as proper for a grocer to give short weight, or a dry goods merchant to give defective measure, as it is in the cigar dealer to make a smaller cigar than the well-known standard sized article. Adherence to the honorable practice of making a full sized cigar, and of good tobacco, is one of the keys to these gentlemen's success in business.

W. S. HUTCHINS.

Dealer in Artists' Materials, Pianos and Organs, No. 1321 Market Street.

A store devoted to the cultivation of fine arts and their dissemination is well worthy of a place in this work. In 1875, Mr. Hutchins started his business with a capital of \$900.00, and by strict attention to his business early and late, with a correct and artistic knowledge of the goods he handles, it is no wonder that success has crowned his efforts, and his business is large and growing. Excellence in any department or branch of trade always meets with public confidence and insures success. Mr. Hutchins keeps a large and carefully selected supply of artists' materials, fine engravings, Chromos, Frames and Mouldings, Wax Flower Goods and Glass Shades of various shapes and sizes. He also deals in Pianos, organs, all styles of Musical Instruments, Sheet Music, Music Books. Mr. Hutchins is a remarkably fine judge of musical instruments. Any one wanting a piano or organ pre-eminent for purity and sweetness of tone, elegance and durability of workmanship can entrust his order to Mr. Hutchins with perfect reliance on his skill and ability to furnish them, be they either skilful artists or beginners. Mr. Hutchins deals largely in sheet music and any piece of music published can be found in his establishment. Having a highly cultivated artistic taste Mr. Hutchins' selections of engravings are unusually meritorious, and well worthy of examination. All goods in his line, found in his stock, can be relied on as being of the first quality and finest workmanship.

C. E. BULGER,

Tobacconist.

There are few things more gratefully thought of by men generally, than the contributor to their personal comfort and enjoyment: and who fills this place better than the manufacturer and vendor of a good, well-flavored cigar, or chew of rich, juicy tobacco? Such a man deserves and possesses the esteem and goodwill of all lovers of the weed luxurians. Mr. Chas. E. Bulger is well and favorably known to all the citizens of Wheeling, having lived here since 1835. He was born in the town of Winchester, Va. Mr. Bulger started the Tobacco business in its various branches in 1870, and he has by his careful attention to the manufacture of Bulger's Tips and Stogies, composed of nothing but the very best leaf, both wrappers and fillers, built himself up a trade excelled by very few, his brand of cigars being very popular in the towns along the Baltimore & Ohio Railroad, as well as in this city. He employs five hands— all competent workmen, and turns out a very superior article of cigars. He also keeps in stock all the choicest and best brands of Smoking and Chewing Tobacco, and has displayed very fine judgment in the selection and grading of Leaf Tobacco. His place of business is at No. 1129 Market street, and his factory is registered No. 180. Those fond of a pure article in his line can not fail in being suited at his establishment.

CHAS. MOENKEMOELLER,

Druggist.

Mr. Moenkemoeller is a graduate of the Philadelphia College of Pharmacy. Dealer in Drugs, Chemicals, Perfumery, Toilet Soaps, Fancy Articles, &c. He also keeps a large assortment of Trusses and Shoulder Braces. Prescriptions carefully compounded at all hours at the Central Drug Store, No. 2161 Main Street, corner of Twenty-second, Center Wheeling. Mr. Moenkemoeller, about a year since, started this business, which thus far has met his most sanguine expectations. If you are afflicted with Hernia, or as it is often called, Rupture, by all means call on the proprietor and he will tell you at once what kind of a Truss is required. So with reference to Shoulder Braces. There are many dealers who have full lines of such goods, but having no professional experience, have no judgment whatever in knowing what kind of an appliance the sufferer should wear, and he is allowed to adjust such things to suit himself. This should not be the case: a person in need of anything of the kind is also in need of some skilled person to fit him with articles of this kind scientifically— for it may be presumed, that a man educated to the business is, above all others, the one who should know best what kind of support the sufferer needs. This Drug Store is pre-eminently the place for this branch of the business. The prescription department is one of the leading features in this store, and our German citizens will always find this the leading place to buy Drugs, &c. All of the clerks as well as the proprietor speak the German language. The advantage can easily be seen.

ALEX. T. YOUNG.

Druggist and Pharmaceutist.

A neat attractive drug store where persons in quest of medicines or in want of delicately compounded articles of perfumery and toilet necessities can have their errands attended to by polite and obliging clerks, prompt and reliable in their dispensations, is a boon of mercy to any neighborhood, and cause of gratulation and pride to the city. Such an establishment is that of Mr. Alex. T. Young in an eminent degree. Mr. Young is a native of Wheeling, to the manor born and bred, he studied the rudiments of his profession with the well-known Pharmacist E. Bocking, completing his education and graduating in pharmacy at the University of Michigan. He started a well equipped and furnished store for himself in August, 1875, with a capital \$4,500.00. He occupies the building on the corner of Jacob and Sixteenth streets, East Wheeling, the only reliable and first-class store in that part of the city. He aims to keep none but pure, fresh drugs and chemicals, purchased from houses of long established reputation and standing. To have a prescription of great particularity, skillfully and carefully compounded, is a matter of vital importance not only to the patient and his friends, but also to the physician prescribing. This Mr. Young, with pardonable pride professes to be able to accomplish to the most entire satisfaction of all entrusting him with their orders. His increasing diligence, unwearied care in filling his orders has gained him an enviable reputation and increased his business to more than double his original investment. He finds employment for three hands, and certainly keeps a drug store which is a model one and the equal of any in the State.

CHRIS. SIEBKE.

Dealer in Imported Cigars and Liquors and Bottler of Beer, 1331 Market and 37 Fourteenth Streets.

Excellence of reputation and business capacity are note-worthy traits of character deserving and receiving commendation in every well ordered community; and especially is this the case when found combined with inventive

genius. Mr. Siebke was born in 1847, came to this country in 1864, and to Wheeling in 1866. He began his business life in 1869 with a moderate capital, which business push and management have largely increased—his trade now amounting to some \$65,000 per year. In May, 1874, Mr. Siebke inaugurated his bottling establishment, the first in the State. In the three departments of his business Mr. Siebke displays a zealous determination to stand at the head, giving close, unremitting attention to all. Nowhere in the city can the smoker find a better or more moderate priced Cigar. His liquor department it is almost unnecessary to mention, so well is his unapproachable reputation in this business known. It may be safely asserted that in no place in these United States can a person go with any surer confidence, to get pure, unadulterated liquors of the best brands and character. Mr. Siebke sells no slops or poisons. His Bottling Department evinces the same care and decided standard of excellence. This has become a necessity in the city and State—his sales amounting to 50,000 dozen bottles per year. Siebke's Bottled Lager will be found in most of the houses in the city, the harmless Lager being a welcome friend to both sexes and all ages. Mr. Siebke employs nine hands, his pay-roll being \$4,000 per year. Mr. Siebke is his own superintendent—Mr. W. T.



English the bookkeeper. This establishment will compare favorably with any in the country: his trade extends through Ohio, Maryland, Pennsylvania and West Virginia. Mr. Siebke has been in other branches of business—in life insurance and other agencies, and Secretary of the Nail City Brewery. His inventive genius is shown in his "Patent Rein Holder and Elevator." This device is of incalculable value to all drivers. Every one knows the annoyance resulting from having the tail of the horse constantly thrown over the reins, the necessary jerking and pulling to disengage it, and in case of a timid or fractious horse an exceedingly dangerous occurrence. Mr. Siebke's device effectually prevents this, is no trouble to the driver and is one of the best of modern safe-guards.

E. BALL & CO.,

Manufacturers and Dealers in Boots and Shoes.

This firm is composed of E. Ball and W. Johnson, who are successors to Enoch Ball. Established in 1852. Warerooms No. 1039 Main street: 22 feet front by 90 feet deep—three stories high. This is one of the most extensive establishments in the city. For the purposes of their business—being manufacturers as well as dealers—they are compelled to use every square foot of their building (which is the property of Mr. Ball personally.) Their trade is enormous: extends a distance into Ohio, Pennsylvania, and is quite large in the State of West Virginia. Their city trade, it is quite safe to say, is larger by far than that of the average dealer. They are both workmen. No drones are tolerated in this go ahead establishment. No hands in this boot and shoe house work harder than the proprietors themselves. This house is unlimited as to lines of goods. The proprietors can suit you in either the very finest of goods, or those of a more economical character. They can furnish you with the finest shoe for your wife or your daughters, and give them *comfortable fitting* shoes at that. They can also furnish small childrens' work in endless variety. Should you desire an easy and elegant boot for yourself, they have it. Slippers and the like, in all designs, are always kept in stock. There is nothing in the way of footwear that they do not keep. Remember at the same time, that they make a great portion of their work themselves, and the residue is *made to their own special order* in the eastern cities. When they go east, they do not examine every "cheap John's" shop to see where they can get the cheapest shoes. They seek to get the *best* work, and paying cash for it, they can afford to sell such work as low as those who deal in an inferior line of goods. They have recently opened a branch store on Washington street, two doors above C. Long's hardware store, Martin's Ferry, Ohio.

I. BLUM & BRO.

This firm is composed of I. Blum and G. Blum, wholesale and retail dealers in Dry Goods and Notions: manufacturers of Ladies' Cloaks and Suits, No. 1104 Main street. This establishment is a large three story building, 24 feet front by 90 feet deep. It has its manufacturing department in Philadelphia, where most of the ladies' cloaks and suits are made. Their trade in this line being constant and large, a certain proportion of it is made in Wheeling, especially when the order is one that will admit of no delay. The amount of manufactured goods which this house makes is surprising, and when taken in connection with the enormous sales of piece goods, and other fabrics, it demonstrates at once that a great amount of administrative ability must be required to keep such a multimodal and complicated business in operation without even a jar, or the least sign of confusion in the smallest of its details. The Messrs. Blum commenced this business several years ago, on a more limited scale than at present, but by assiduousness and enterprise, built their trade up to its present extensive volume. It is now one of the largest and most fashionable business houses in the city. The patronage of this house is still on the increase, as it is one of the most liberal houses in the trade. If you want good goods, at low figures, here they can be had. Should you want common goods, or those of even the very finest quality, they are to be had of Messrs. Blum & Bro. in endless variety, and at such favorable figures, that when you have once purchased, their store will be ever after the place, and the only place where you will deal, as they are proverbially at the bottom of the market.

G. G. ROTH.

Dry Goods, Carpets, &c

There is no business in which a man has greater room for a display of sound judgment and keen discriminating taste than the dry goods business. So many different ideas to suit, so various and multimodal the fancies to cater to. Mr. Roth has shown his capability to undertake this responsible task, and his adaptability to the business of his choice. Mr. Roth was born in this city, and here learned and acquired all of his knowledge of business, which has made him so successful and reliable in his line. He was formerly of the firm of Sittler & Roth, but commenced doing business for himself in 1876. His place of business is at No. 2100 Main street, Centre Wheeling. He employs five hands and does a large and steadily increasing business. His business amounts to some \$28,000.00 per annum, and his trade is both in city and country.

SINGER SEWING MACHINE MANUFACTURING CO.

Office in Wheeling No. 1301 Market Street, west side.

This office controls the sales of six counties and has forty-three persons in its employ. The following is a list of the persons engaged in the City Agency: W. W. McFarland, General Manager; F. E. McFarland, Manager for the City Office; F. E. Weir, Bookkeeper; S. E. McFarland, Office Lady; C. T. Sturgiss, Collector; E. Meise, Adjuster; Messrs. E. R. Brooks, D. W. Bell and Theo. Campbell are the Managers of the Branch Offices of the Wheeling Agency. There are thirty-four traveling salesmen. The Wheeling Agency controls the district which is embraced by the following counties: Ohio, Marshall and Wetzel, of West Virginia; Belmont, Monroe and Guernsey, of the State of Ohio; and parts of Green and Washington counties of the State of Pennsylvania.

The Singer Sewing Machine—always a great favorite with the public—has been vastly improved during the last two years; it now runs noiselessly, and will do a much wider range of work than hitherto—celebrated as it was, even then, for its superior capacity. This machine is sold every place where civilized society has an existence—all over the old world as well as the new. To give the reader an idea of the stupendous extent of the business done in these machines, we would state, that in 1878 there were no less than 356,432 of them sold! The proprietors assure us that three-fourths of all the Sewing Machines sold in the world are those made by the Singer Manufacturing Company; and furthermore, that they have taken the first prize more than two hundred times over all competitors!! The finish and adjustment of these Machines is simply perfect; they are the *in plus ultra* of elaborate and delicate mechanism. So complete are they in all their appointments for family use, that a demand has arisen for an extension of the principles involved in the construction of this machine, to a machine which would do heavy work. This demand has been met by the introduction of the "Medium Machine," and still more recently by the celebrated No. 4, a still heavier machine. The No. 4 Arm Machine is admirably adapted for the use of shoemakers, &c. Would our space warrant us in so doing, we could fill pages with reference to the peculiarities and excellencies of this machine, but we must content ourselves with saying that it is a wonder, when considered as a piece of work illustrative of the invention of man. The proprietors inform the public that they make a specialty of repairs on all kinds of machines, and keep a full supply of small articles which are in constant demand, for the use of those who desire them, such as needles, oils, attachments, linen, cotton and twist, &c. Old machines of all kinds taken in part pay for any of their new ones, and all styles sold on easy monthly payments, with a liberal discount for cash sales. The public is especially cautioned to beware of the spurious imitation of our machine, commonly represented as the "Stewart" Singer, it being a cheap clap-net, sold under the fraudulent misrepresentation that it is manufactured by the Singer Manufacturing Company. The fact that the Singer is the only machine counterfeited argues that it is the only one worthy of imitation—gold being often counterfeited, brass never.

The sales of the Singer Machine in the six counties controlled by Wheeling office alone will aggregate fully 2,000 per year, which is fully double the sales by our principal competitor, and fully equal to the combined sales of all our competitors, as the showing made by them is based on the sales of a territory from five to ten times as large as that controlled by us, several of them working the full State of West Virginia and parts of Ohio.

WHEELING IRON AND NAIL COMPANY,

Top Mill.

There is nothing that has contributed so greatly to the growth and prosperity, the development of the industries and manufacturing resources and facilities of Wheeling as the iron works. Prominent among these is the Wheeling Iron and Nail Company or "Top Mill." The origin of this mill was with one of the Shoenberger family, famous for years in connection with the iron trade, and was then known as the Mission Iron Works. It was the first mill built in or about Wheeling for the manufacture of merchant iron and nails and was built on the ground owned by the present company. The original mill belonging to this company was burned September 3, 1874, and the present mill was built entirely new in 1872, the blast furnace in 1873. That this establishment is capable of doing and does do an immense business, rendering it one

of the most important factors in the commercial interests of Wheeling may be inferred from a short description of its features for doing business. The company own about forty-three acres of surface land and one hundred and fourteen acres of coal partly underlying another tract. The forge, mill and nail factory, with necessary adjuncts, occupy six large buildings, every department being models of their kind, furnished with the most improved machinery and facilities for manufacturing their specialties. The nail factory being especially worthy of note, it is a brick building being probably better adapted for the purpose than most other concerns in its facilities and construction, being supplied with every possible improvement and adjunct, both for convenience and the comfort of the employees. In the forge there are twenty-six boiling and heating furnaces and two trains of rolls. In the nail factory there are one hundred and six nail machines and two bluing furnaces. There are three buildings connected with the blast furnace. The furnace is built after the most approved plan both in construction and appliances, having been supervised by Wm. Tait, who also built the Lucy Furnace of Pittsburgh and the Belmont of this city. The hot stoves are of the best known pattern and the engine of the celebrated Totten & Co. make. The hoist is of the well known Otis & Co.'s patent. This company have their own water works for supplying their works. They have in all seven engines and fifteen boilers, three engines and nine boilers connected with the mill and factory and four engines, and six boilers at the furnace. In their six departments they employ about seven hundred and fifty hands, the average monthly pay amounting to \$25,000.00. The present corps of officers are Jno. P. Gilchrist, president; C. D. Hubbard, secretary; W. C. Brockmeyer and C. W. Eoff, clerks, and C. R. Hubbard, salesman. The capital stock of the company is \$489,424.00. The amount of business per annum approximating \$1,000,000.00. This establishment will compare favorably with any similar concern in the United States both as to quantity and quality of their products. Their annual output is about 25,000 tons of pig iron and 250,000 kegs of nails and spikes. Their trade extends all over the United States, the principal centres or distributing points are New York, Chicago, St. Louis and Memphis. In this connection we might remark that the secretary of the company, Mr. C. D. Hubbard served with distinction in the thirty-ninth and fortieth Congresses, being the member from this district.

HOWARD BROS. & CO.,

Patent Solicitors and Counsellors in Patent Causes, 1207 Main Street.

S. M. Howard architect and E. B. Howard mechanical engineer. Represented at Washington City by the Hon. Ellis Spear, late Commissioner of Patents.

S. M. HOWARD,
ARCHITECT.



Court decisions, works on mechanical movements, &c., &c.

S. M. Howard is an architect of great experience, well schooled in design as the many specimens of his skill, such as the People's Bank building, amply testify. He is also a notary public.

E. B. Howard is a practical steam engineer of twenty-five years' experience and gives this department his special attention. The respective qualifications of these gentlemen admirably adapt them for the prosecution of the patent business.

This combination of practical knowledge places the firm at the head of the profession, and is of incalculable value to inventors, in the preparation of patent applications and their successful prosecution before the various departments of the patent office. If you are interested in new inventions, call and see this firm, although they advertise "No cheap work, cheap prices, or extra charges," yet you will find their terms as reasonable as any first-class reliable attorneys in the patent business.

CHAS. E. DWIGHT,

Analytical Chemist and Druggist, Cor. 24th and Chapline Streets.

Professor Dwight has become favorably known to the citizens of Wheeling and vicinity by his invention of an extremely useful and long desired preparation, for the preservation of dead bodies and disinfecting purposes generally, known as "Dwight's Kreassoter." Very few persons are unaware of the extreme difficulty attending the keeping of the bodies of dead friends and relations, especially during hot weather, until a sufficiently respectful time has elapsed for consigning them to the grave. The Kreassoter performs this duty, effectively preserving or embalming bodies for any reasonable period. It is also valuable for removing foul odors and gases from privy-vaults, sewers and cess-pools, or any place becoming foul from filth or stagnation. Professor Dwight is a chemist of unusual ability, having had opportunities for observation and experience, for unrestrained experimentation, and for testing the value of original operations, which few in his profession have secured. His rare capacity for discriminating analyses and sound, scientific deductions, have been abundantly proven by his work for the several blast furnaces in this vicinity, his worth to them being inestimable. His merit consists in being a thoroughly honest, capable and able specialist, of excellent training and experience. Professor Dwight was born in Somers, Conn., in 1849, came to Wheeling in 1870, and succeeded to a business started in 1867 by Ed. Bocking, Esq. He had previously been in the drug business in Greenville, Pa. His stock is ample, and having the benefit derived from his own chemical knowledge, of the purest and best known quality. He has his two departments, drug store and Laboratory, in the same building—giving personal attention to both. His business amounts to some \$5,000.00 annually, and extends through this State and Ohio. Professor Dwight has also a national reputation as a marksman, being a member of the American Long Range Rifle Team, carrying off, in 1878, several prizes.

H. Z. SHRIVER,

Wholesale Dealer in Paper and Printer's Supplies, No. 1211 Main Street.

This business was started by Mr. Shriver in 1878, and of course is but a new enterprise. This trade has never been prosecuted with any particular energy in Wheeling as a business, apart from other branches of trade. Mr. Shriver, seeing this to be the case, and being desirous of going into some business, concluded that this condition of affairs afforded an opportunity for the opening of a wholesale paper house which should contain a stock of these staple articles, knowing that the demand for them was large and constant. He therefore rented the spacious room which he now occupies and stocked it with a very heavy stock of goods, such as would suit the market. With the assistance of the tested experience of Mr. R. J. Bullard, jr., he is confident he is able to discount any bill in this line purchased in the East. Having abundance of capital he can supply goods in any quantity desired. This feature alone puts any dealer who observes it in the foreground in purchasing goods. With the determination that the proprietor started out with, he cannot fail to do a first-class business with close buyers, as his prices are as low as the manufacturers. Mr. Shriver is desirous of selling to the close cash trade, which will discover its true interest by dealing with him.

WM. A. WILSON.

H. H. DUNLEVY.

WILSON & DUNLEVY,

Factory on the River Bank, foot of Sixth Street. Office, 1215 Main Street.

Manufacturers of Nail Kegs, Flour, Apple, Glass and Half Barrels. Sole owners of DUNLEVY'S PATENT CROZING AND CHAMFERING MACHINE.

This establishment was started by William P. Wilson, W. H. Dunlevy and T. Wheeler in 1867, with a capital of \$8,000.00. Wm. P. Wilson was the father of the senior member in the present firm, and was a gentleman much respected by all who knew him. He was several times a member of the City Council, and was a gentleman of much public spirit. He was noted for the interest that he took in all matters pertaining to the welfare of Wheeling, when anything seemed to threaten the same. The son has also been a member of the City Council, and has shown much ability in municipal affairs. Their present capital is \$15,000.00—stock \$6,000.00. They do a business of \$70,000.00 annually. They have twelve buildings in the First Ward, besides five acres of land. They have also a branch of their business in operation at

Benwood, four miles below the city. Their pay-roll is \$3,200.00 per month, which is distributed among one hundred workmen. Their works are propelled by two steam engines of forty and thirty horse-power respectively. Their trade extends through West Virginia and the territory of adjacent States. They claim a peculiar merit for their PATENT CROZING AND CHAMFERING MACHINE, and that it excels anything hitherto invented for the same purpose. These gentlemen are both workmen, although men of extensive capital. They have both been bred in the school of honest labor, by parents who were both notorious for their industrious habits. They give their undivided attention to the intelligent prosecution of their business, and it moves along with the precision and regularity of clock-work. There is not, it would be safe to say, an establishment in the country managed with more system than is the Factory of Messrs. Wilson & Dunlevy: the result of this is that the concern is popular and never languishes for want of patronage. As to prices—they are as low as they can be for good work.

HANES, WILSON & CO..

Supply Depot, No. 1215 Main Street—Planing Mill, Main Street. First Ward.

House and Steamboat Joiners: Planing Mills and Lumber Yards. Manufacturers of Doors, Sash, Shutters, &c., and dealers in Painters' and Builders' Supplies. This establishment was originally started in 1850, by Messrs. Hanes & Beam, on a small capital—not over \$5,000—which has been augmented to \$75,000 by the introduction of additional partners and capital. The present amount of stock on hand is about \$30,000. An annual business of \$100,000 is done by this energetic firm. The PLANING MILL is on Main Street, First Ward, and has a frontage of 100 feet, and runs back a distance of about 60 feet. The entire premises, including stock shed, occupy about four lots of ground; the firm has three acres of ground on the opposite side of street, used for piling and drying their large stock of lumber. There are five departments in this extensive factory, and a sufficient number of workmen employed in the same to require for their labor over \$2,000 per month. The entire establishment, taken in the aggregate, is claimed to be the largest in the State. The trade of this firm extends pretty much through the interior of the State, and penetrates quite a distance into Ohio, Western Pennsylvania and Maryland. Their business, as will have been observed at the beginning of this article, includes Steamboat joining; this is a very important branch of their trade. The senior partner, Mr. Hanes, has been in this line of trade for a long series of years, and in connection with his partners, still pushes it with the same vigor, if not more, than previously. The individual members of the firm are Clark Hanes, W. A. Wilson and J. E. Hanes, each of whom have, at times, been members of the City Council. S. D. Tippet is the bookkeeper, and W. S. Tippet and W. H. Chapman are the salesmen of the concern. In addition to the foregoing, it may be observed, that the firm have an establishment at 1215 Main street, west side, in which the office is situated. This building fronts 18 feet on Main street, running back 100 feet. It is a handsome four story brick structure, most admirably adapted to their business. Here all kinds of supplies are kept in stock ready for delivery, Glazed Sash, Window and Plate Glass. Painters' and Builders' Supplies may be had in endless variety. A full stock of Paints, Cement, Lime, Plaster of Paris, &c., always on hand. In fact the entire line of goods in which these gentlemen deal—it would be as useless as it would be tedious to the reader to enumerate here. Call and get one of their Catalogues, which contain a detailed list of all articles in which they deal.

COX, DICKEL & VANCE,

Boilers and Sheet Iron Workers.

The above works are situated on the corner of Market and Eighteenth streets, and covers an area of about one acre of ground. They employ quite a large number of skilled workmen. The works are provided with an eighty horse power engine and works night and day. The machinery, from top to bottom, is of the very latest pattern, in fact their appliances in the conduct of

their business are all of the very best quality for turning out good work, and turning it out expediently. To show the quality of their work, we call attention to the extract below. The "Riverside Mill," alluded to in the quotation, is believed to be the largest iron works in the United States. An establishment like this it may be presumed would have its work done by the very best of workmen, and no other. Cox, Dickel & Vance have the very cream of the business in large orders in their line. Their trade extends wherever boilers and marine and stationary engines are used in the city or adjacent territory. With an undaunted energy and ample capital they have gone into operation, filling vast and lucrative orders. They thoroughly understand their business and push it to its utmost capacity.

There is no firm, we venture the assertion, in the West, that retains the confidence of its patrons more fully than Cox, Dickel & Vance, which is evidenced by the fact that they have a large and increasing trade in numerous States, especially in Ohio, Pennsylvania and West Virginia. The numerous blast furnaces and mills in this city have all been furnished by these works, and in every case the work has given entire satisfaction. Even now in the midst of a great depression in business pursuits of all kinds, the yards, yard rooms, blacksmith shops, machinery rooms, &c., about the premises resound with the heavy strokes of the hammer, and a large force of men can be seen daily, flitting to and fro, intent upon their work, noting and seeing but little that is going on in the outside world. All work done is guaranteed, and the material used is the best quality of hammered Sligo charcoal blume iron that can be obtained in the Pittsburgh market. No expense is spared to make perfect work, and the quality of iron used is a sufficient guarantee that the patrons receive A No. 1 material in all work done. To say that Wheeling feels proud of this establishment, does not express the verdict. It is looked upon as indispensable, and one of the growing institutions whose industries will, in the future, assume such gigantic proportions as to be unimaginable at present, the products of which will find their way to the remotest part of the Union. Any communications addressed to this firm should be forwarded to Cox, Dickel & Vance, Boiler and Sheet Iron Works, corner of Market and Eighteenth streets, Wheeling, West Va.

MUHN & BRANDFASS.

Manufacturers of Havana, Seed Tips and Stogie Cigars, 1321 Main Street.

An establishment of any class, whose proprietors make its reputation not only a labor of love and pride, but zealously guard and preserve that reputa-

tion when gained, are a credit and honor to any city. To such a firm we now desire to call the attention of our readers—Messrs. Peter Muhn and Chas. F. Brandfass compose the firm. They started in business in 1874, with a determination to be excelled by no firm in the same trade, and have spared no exertion or expense to achieve their purpose, working steadily and unwaveringly towards that end, they bear to day an enviable reputation for square dealing and the excellent unvarying quality of their goods. The

devotee to the soothing, calming weed, will find in either their Little Havanas, Havana Tips or Seed Stogies a most delightful and cheap cigar, well made, and of selected old quality stock. There can be nothing more exasperating to the smoker than badly made, badly drawing cigars, pulling their jaws and temper



out of shape at the same time. These gentlemen boast of the make of their goods, both as to quality of leaf and construction of cigar. They employ only competent and careful workmen, fully equal to their work. There are no better judges of leaf tobacco in this market than Muhn & Brandiass.

They keep a full stock of chewing and smoking tobaccos of favorite brands, and a large line of smokers' articles, pipes, stems, &c., &c.

ZINK & MOREHEAD,

Wholesale and Retail Dealers in Carpets, Furniture, Oil Cloths, Upholstering, Window Shades, &c., No. 1117 Main Street.

Special attention given to undertaking. The building in which these gentlemen transact their business is a four-story one, having a frontage of twenty-five feet by a depth of one hundred and fifty. The proprietors have succeeded to the trade of A. R. Morehead & Co., who succeeded to the business of Hubbard & Co. The latter commenced business in 1866 on a small capital compared with that of the present firm. Mr. Zink has been a resident of the city for over thirty years, having originally come from Wellsburg, Brooke county, in this State. Mr. Morehead was a resident of Cincinnati until about seven years ago, when he came to Wheeling to embark in some kind of business. From a small trade in the commencement, they are now doing a very large one—especially in the more elegant and fashionable line. This cannot be accounted for on any other theory than a good stock, business assiduity and low prices, as a new house always has difficulties to encounter which old ones are comparatively exempt from. If the before mentioned requisites are not cultivated by persons newly embarking in the business, their success is always doubtful. Should you wish an elegant Sofa, Tete-a-Tete, Bureau, Wardrobe, Divan, Bedsteads, Chairs, Carpets, Oil Cloth, or anything else in their line, you can easily be suited in this establishment, both as to prices and quality of goods. Particular attention paid to wants of customers in the way of repairs on anything in the trade.

CHRIST. BEHRENS.

H. C. ULRICH.

BEHRENS & CO.,

Groceries, Produce, &c., 1310 Market and 3601 Jacob Streets.

These gentlemen employ collectively at the two stores six hands: the firm deals in almost everything in the grocery line. They keep a full and very large stock of plain goods, among which may be found the finest brands of flour and the freshest article of Hams, Breakfast Bacon and Dried Beef, that comes to this market. Their line of fancy Groceries is as extensive as it is varied—all kinds of goods tempting to the palate of the epicure may be seen on their well stocked shelves; among these goods may be found Canned Fruits of all kinds, Pears, Plums, Cherries, Peaches &c., you will find Pickles, both foreign and domestic, in such variety that you can not fail to get what you want in this line, and at such low figures that it is a waste of time in you to attempt to make your own pickles for when done you cannot produce such an article as they can sell you for a mere trifle: Canned Meats of all kinds are also to be had, which often save much work at home when but a light dinner or lunch is to be preferred. These canned goods are all warranted sound and fresh, as they are hermetically sealed, and will keep for years. The stock of Teas, Coffee, Sugars, Spices, and the like is from the best markets in the East. To enumerate all the different kinds of goods that these gentlemen deal in, would be almost comparatively speaking an endless job. Their Market street store is one of the handsomest stores in the city: it is magnificently attractive on the outside, considered as a store front, and the appointments inside are equally so. It is a large three story brick building, and every story is used for storing their immense stock. They have a large and handsome elevator ascending from the ground floor to the roof. They have also lately constructed a telephone from the store on Market street to the one on Jacob street. The Messrs. Behrens & Co. in their market street store do a large wholesale and retail trade: their goods which are all fresh and new, will, we guarantee, prove satisfactory to any one purchasing from them. They have polite salesmen to attend on you. A large capital is invested on which they do a business running into many thousands of dollars annually. All orders sent to the firm of Behrens & Co. will receive prompt attention, and country dealers cannot do better than by calling on them when in the city. We take pleasure in offering this voluntary sketch of this house, and if our readers will visit this establishment they will see words cannot do justice to the enterprise of Messrs. Behrens & Co. The junior member of this firm, Mr. H. C. Ulrich, has served as a member of the city Council.

HARBOUR & DITTMAN.

Dealers in Carpets, Oil Cloths, Window Shades, &c., No. 1059 Main Street.

This, we believe is one of the oldest business houses in the city, dating as far back as 1810. Joseph C. Harbour started this house in that year on a capital of \$5,000.00, which by good management on his part, from year to year, was so productive as to bring him quite a competency while he was even yet but in the prime of life, and at his decease (which occurred several years ago) he had become quite wealthy. Mrs. C. Harbour, his widow, and C. W. Dittman, still uphold the business reputation of the house. Mr. Dittman is a Baltimore gentleman, and possessed of abilities as a buyer and also salesman for the house, of a very superior order. He has few equals in this respect. He has been in this house in the capacity of clerk at one time, and partner since, for a term of quite twenty years. He has the entire management of the business, and it prospers under his able supervision. The first floor of this magnificent store is filled from top to bottom with the choicest fabrics in the way of fine Carpets, Oil Cloths, Wall Papers, &c., in such variety as almost to bewilder the beholder. The room is one hundred and twenty-five feet long, and is certainly one of the finest in the city and admirably adapted to their business. The salesmen of the house are indefatigable in their exertions to please the public. Few customers seek for anything in their well assorted stock that do not find what they want. The prices at this house are proverbially low, "fair and square dealing" no "jockeying" is their motto, but one price asked, and that the very lowest. No house in the town possesses facilities for trade superior to this old and favorably known establishment.

M. ROTH.

Dealer in Dry Goods, Groceries and Notions, No. 3801 Jacob Street, South Wheeling.

The proprietor of this enterprise is an experienced business man, having had the advantage of a period of thirty-one years in handling merchandise, which he has handled so well that the citizens of the ward concluded he would make a good Treasurer for the ward, and made him such. He has been a member of the City Council and also one of the County Board of Commissioners. He commenced business in 1818 on a very small capital, which by tact and good management he has handled in such a manner as to yield him a fair income, sufficient to enable him to become a large property holder—owning as he does five lots of ground, upon each of which is built a house. He has done all this, besides adding largely to his stock of merchandise. This shows a very notable instance of what rectitude of conduct, and honorable and straight forward dealing will do, when it is adhered to closely by a merchant. There are many merchants in the country who have broken up half a dozen of times in the same period, and to-day are not worth a cent, who, not satisfied with a moderate business at first, have plunged headlong in debt to get along more rapidly, and seemed to trust to "luck" for the future. Not so with Mr. Roth—he knew that "luck" is a very good thing, if in one's favor! but when it brings calamity it is the reverse. He did not trust to this uncertain thing, but pursued an even line of commendable conduct, and reaped the reward that always follows such. He keeps a fine stock of goods, which he is pleased to show to his customers, and will sell as low as anybody.

W. C. HANDLAN & CO..

Pork Packers and Wholesale Dealers in Flour, Oils and Cheese.—Corner Sixteenth and Chapline Streets.

This firm succeeded the well-known firm of Handlan, Jordan & Co. in 1873. The capital employed is quite heavy, \$10,000 being the lowest amount invested at any one period of time, on which a business of nearly 10,000 is done, per annum. The establishment is 11x87 feet, and has a very large capacity. The trade of this firm is large in the city, and is quite extensive in the adjoining States, and points still more remote. The individual members of the firm are Wm. C. Handlan and John H. Handlan. The latter is a native of Pennsylvania, and came to this city when quite young, and is one of the most respected business men of the place. William C. Handlan has been identified with the municipal interests of the city in a representative capacity in various channels of the same, for quite a number of years. He is an important element in the public affairs of Wheeling, both financially and politically. He is at

present the Treasurer of the Ohio Valley Protective Union, Vice President of the Etna Insurance Company, and is a member of the Second Branch of the City Council. He is, perhaps, as well and favorably known to the citizens of Wheeling as any other person in the city. He is also a very influential and prominent politician, which phase of character, however, he never suffers to antagonize his usefulness in business, in which capacity he has no superior.

CARL WILHELM.

No 39 Twelfth Street.

Mr. Wilhelm is a Practical Upholsterer and Decorator, and Manufacturer of all kinds of Parlor and Chamber Suits, Spring Mattresses, Lambrequins and Window Shades. This gentleman has but recently opened business in his present stand, and his great success is a matter of almost astonishment to himself. He has been but a few months in business, yet he has built himself up a very large trade, quite as extensive as that of some dealers who have been long established in the trade. Coming from the east right from one of the most celebrated manufactories in New York, it may be presumed that he is a master of all the various branches of his trade. He appears to be quite familiar with what the sharpest kind of competition demands of a man in business, and is prepared to comply with its most exacting requirements. If you visit Mr. Wilhelm's store and converse with him a moment or two, you will immediately draw the conclusion that you stand in the presence of one who is far from being a novice in the line of business in which he is engaged. He speaks "by the card" about everything pertaining to his trade. He makes everything to order, which is at once a guarantee of good and substantial work. His work is not merely made to sell—it is made both to sell and give entire satisfaction to his patrons. He will execute orders for repairing anything in his line, and the same will be promptly, neatly, substantially and cheaply done.

A. C. EGERTER & CO.

Nos. 1425 Main Street and 420 South Street.

Wholesale Grocers and Commission Merchants for the sale of Flour, Grain, Seeds, Bacon, Lard, Cheese, Eggs, Butter, Green and Dried Fruit, and all kinds of country Produce, together with a full line of staple Groceries, Nos. 1425 Main street and 420 South street. This large enterprise is the outgrowth of a much smaller one in years gone by, kept by Hess & Egarter, at the corner of Eleventh and Market streets, and started in 1868. The individual members of the present firm are A. C. Egarter, Geo. Beck and Geo. A. Wells, the latter of whom is the bookkeeper. The room in which this noted firm does business in, is three stories high, with a frontage of 22 feet by 135 feet in depth. Their capital invested is quite \$30,000, upon the basis of which, they do an annual business of \$200,000! The senior member of this firm is a native of Switzerland, but came to Wheeling in 1845. He has been a member of the City Council for several years, and is at present one of the Board of Directors of the German Insurance Company, of Wheeling. From a small beginning, the senior partner, by shrewd business qualifications has established one of the largest wholesale Grocery and Commission businesses in the city and in the State. This is a first class wholesale house, at which either city dealers or those from abroad may purchase almost an endless variety of supplies in the way of Groceries, Grain or Produce, and at such figures as will be quite satisfactory to the buyer. Persons from abroad who desire to sell or make consignments on commission, will be as liberally dealt with through the mails, as if they were here in person to negotiate for the same. These gentlemen always, from day to day, have the latest dispatches as to the state of the markets, and can answer inquiries in regard to the same at any hour of the day. Particular attention to consignments and prompt returns.

JOSEPH GRAVES,

Dealer in Books, Stationery, Wall Papers, Children's Carriages and Toys.

This gentleman commenced business in 1852 in Center Wheeling, in the basement of the present residence of Wm. H. Hearne, Esq.; and later on he removed to the northeast corner of Twenty-second and Main Streets, and still later ventured up to Twelfth Street, No. 26, where he may now be found. Mr. Graves commenced busi-

ness on little or no capital, but by industry and perseverance has built up quite a large trade. He came to Wheeling in 1838 from the State of Ohio, Belmont County, where he was born. Mr. Graves is one of the most unobtrusive of men, and has been a very true servant to the interests of the public, which fact has promoted his own interest accordingly. He has made some money in the business to which he has been so long devoted with such constant regularity during the last twenty-eight years. He has a very attractive store 22 feet front by 80 feet deep, three-stories high, which is full of very choice goods. He employs three assistants, but is a very industrious worker himself. Go in when you will, he has always something on hand to keep him busy. His average capital is \$5,000, which he handles in his business with remarkable judgment and tact. His sales are about \$15,000 per annum. He is one of the largest dealers in Wall Paper in the State. Call and see Mr. Graves and he will be sure to suit you in any article of goods, from a Family Bible down to a Primer. He sells low, and always gives his customers the advantage of any bargains which he may pick up in the east—and he often secures such—and thus saves the purchaser's pocket.

J. B. SHEPPARD.

Wholesale and Retail Manufacturer of Saddles, Harness, Trunks, Valises, &c.,
No. 1073, Cor. Main and Eleventh Streets.

Here may be found an extensive and assortment of all articles in the above line; also a full stock of smaller articles pertaining to this branch of business. Particular attention given to the proper adjusting of new harness—for nothing can be so provoking or trying to the patience of any man who has a good horse, as to have his harness-maker make a new set of the same, and make them fit badly, and insist they are "all right." Now, there are many just such botches in this business as there are in all others. To allow your horse to be treated this way is worse than to allow your boot maker to insist that the pinching boots which he has just finished for you are all right. In this latter case you can give him the reproof that he deserves, and leave the boots with him; but to allow your horse, who cannot speak for himself and depends on your humanity in the matter, to be punished by a bad fitting set of harness, or more particularly a collar, is the very refinement of cruelty on your part. Mr. Sheppard will guarantee you satisfaction in this respect. He has been in the business for a long time and is a complete master of it. Mr. Sheppard commenced his business in Philadelphia in 1836 and continued until 1848, when he came to this city where he has since been busily engaged in the manufacture of all articles connected with his trade. He keeps on hand at all times a full line of the above enumerated goods which he sells at prices as low as the common factory work which is now flooding the country. Mr. Sheppard is known as a man of the strictest integrity and business tact, and it will pay our readers to give him a call when they want anything in his line.

T. C. MOFFAT.

Merchant Tailor, 27 Twelfth Street

Next door to the Exchange Bank on Twelfth street side of the building is one of the finest emporiums for gentlemen's costumes to be found in either this or any other city west of the Allegheny mountains. We know whereof we speak—we mean the merchant tailoring and gentlemen's furnishing goods establishment of T. C. Moffat, successor to the late John H. Stallman & Co., a firm of which Mr. Moffat was the junior member. The former firm was one of but limited capital however. The present firm employs more capital and does a business of quite \$50,000,00 per annum. The business is conducted in a large three story building, twenty-four feet front by sixty feet depth, and is at No. 27, Twelfth street. Mr. M. employs thirty hands, and pays weekly to them \$225.00 for the excellent work which they turn out. He is however, quite strict with them as to the character of their work, and this perhaps accounts for the conscientious, painstaking endeavors of these employes. Knowing that inferior, or slighted work would not be received at his hands. He pays them good prices for their work, and they, knowing him to be rigorous as to his work, give him perhaps, better jobs than it is the good fortune of any other similar establishment to obtain that does not exact the same conditions. His stock comprises everything in the line of foreign and domestic goods for gentlemen's wear. Walking past there the other

day, we observed several gentlemen come out newly appparelled from head to foot. Struck with astonishment, we stopped and mused at the elegance of these gentlemen's costumes: every article of clothing forming part of the suits of these gentlemen seemed to speak as plain as words could speak, that it was designed by a master of this difficult art, and the whole "rig" seemed to add a wonderful grace to the wearers. Had the crazy Ophelia seen these well dressed gentlemen, she would have hesitated somewhat in the fine compliment she pays Hamlet when she exclaims, (speaking of him) "The glass of fashion and the mould of form;" because, no matter how neat Hamlet might have looked, he certainly was not better dressed than these Americans were. Mr. Moffat first came to Wheeling in 1863.

HEBRANK & BROTHER.

Dealers in American and Foreign Watches, &c., No. 1317 Market Street.

These gentlemen, Andrew and Benedick Hebrank, commenced business in Wheeling about twelve years ago, and both of them being practical watchmakers and silversmiths, they were not long in establishing a profitable and enduring share of patronage. They commenced on a somewhat smaller scale than they conduct business at present. By close attention to it, and turning out good work, their establishment has become quite favorably known to the public. When you have a valuable watch, and it stands in need of repairs that may require the most consummate skill to put it in complete order, you naturally wish to leave it at a place where they thoroughly understand their business, as it is well known that there are many persons who keep jewelry stores who personally know little or nothing about the intricate mechanism of a watch, and entrust the repair of the same to a workman in the store who may know how to clean a watch, or do elementary work on the same, but who is at fault on a more elaborate job; too often your timepiece comes from his hands with but little improvement, and sometimes with actual detriment. This is unfortunate, and to be avoided if possible. The head, or heads of a concern like the one we are speaking of should thoroughly understand the structure of a watch, and entrust it to none but an expert in the business, if he has not time to do it himself, which is sometimes the case. Messrs. Hebrank Bros. personally attend to this branch of the trade, and you can rely on them for good work. Their stock of Watches, Clocks, Jewelry, and the like is of the most approved and reliable kinds in the market. If you wish anything in their line you will invariably find goods to be what they are represented.

T. H. HIGGINS.

Photograph Gallery, No. 42 Twelfth Street.

Ability in whatever pursuit found, whether artistic or commercial, always attracts attention, and is its own best recommendation. In the rapid progress of modern research, few professions have received greater accessions of improvements than Photography. In the great accumulation of styles, careful sifting and judgment has been required in order to discard the worthless and trivial, and select the meritorious. Mr. Higgins is an example of a painstaking, thorough artist. A visit to his parlors will amply repay the lover of the beautiful and artistic. All styles of pictures will be found there in all popular styles, card, cabinet, etc. But it is to the neverfading Carbon Photograph we desire to call attention. For beauty of finish, fidelity to nature, perfection of detail, it certainly exceeds anything in the Photographic style we have ever seen. One can scarcely realize in looking at these portraits, that they are not living steel engravings of the most excellent design—every little detail, the least figure in material, every hair, even the faint, fleeting smile, are here drawn out and depicted wonderfully true to nature. An inspection of these Carbon Photographs alone will repay a visit to the gallery. Mr. Higgins is the only photographer in Wheeling making the Carbon Picture. Mr. Higgins commenced business in 1863, with a small capital; steady application to his profession, cultivating the approbation of his patrons and availing himself of every improvement in instruments and designs worthy of adoption, have enabled him to build up and control a business second to none in this section of the country. His assistants are fully competent, careful persons—every way capable of pleasing customers, and all work entrusted to him receives his personal supervision. His work in all styles is unsurpassed, not only in this section, but in any part of the United States. Mr. Higgins takes Crayon Portraits also in a classic, faithful style, and keeps a well selected stock of Photographic Goods, such as Frames, Mountings, &c.

LEWIS BAKER & CO..

Job Printers, Book Binders and Publishers of the Daily, Tri-Weekly and Weekly Register.

This concern was established in July, 1863, and by the pluck, enterprise and perseverance of its proprietors, has become the leading printing works in the State. No city in the United States, of the population of Wheeling, has a more ably conducted journal than has Wheeling, in the REGISTER, nor one whose typographical appearance shows greater taste. The tone of the paper is vigorous, pure and healthful. To the discussion of public questions it brings ability, of a high order, scholarship and candor. In the gathering up of news, it is enterprising but discriminating. The proprietors make a specialty of reporting in a clear and complete manner, the important sayings and doings at all public gatherings within the circle of its field, without regard to politics or beliefs.

The jobbing department of the REGISTER is one of the most complete in the country, and its patronage is such as to frequently tax its facilities to their utmost capacity night and day for weeks in succession. It is under the immediate skillful management of Mr. Wm. J. Johnston, the junior partner of the concern, one of the most indefatigable and experienced workmen of the country. The Register Book Bindery is also a very complete and well conducted department of the establishment. All kinds of work for public officers, bankers, merchants, and business men generally, is gotten up here in superior style and in the promptest manner.

GREER & LAING,

Hardware, 1214 and 1216 Main Street.

This eminent house is one of the most prominent as well as one of the oldest in the city—dating away back to 1850, when the firm name was Anderson & Laing, it justly takes rank as one of the pioneer establishments of this community. In 1856 the firm was changed to its present title, Mr. Greer becoming a member, he having previously been a member of the firm of Ott & Greer. This establishment is one deserving of more than a passing notice in a work devoted to illustrating the commercial and manufacturing interests of Wheeling. The business of this house is conducted on the very highest principles of commercial integrity, with energy, ability and knowledge acquired by years of familiarity with their business. Thoroughly posted in all the departments of their trade, with a corps of experienced and capable assistants, genial in business transactions, they have justly assumed a prominent position in the commercial affairs of the city. There are few businesses which have given greater prestige and reputation to Wheeling than her hardware houses, forming as they do, such an important feature in her trade. The present firm is composed of Messrs. Jacob R. Greer, Alex. Laing, Wm. Cruickshank and D. B. McIlwaine. They occupy two elegant four-story, cut stone front, buildings on Main Street, and employ fifteen hands. Their trade extends through West Virginia, Ohio and Maryland. Such houses give zest and tone to the business reputation of any community, and we gladly give them a space in our work.

SPEYER BROS..

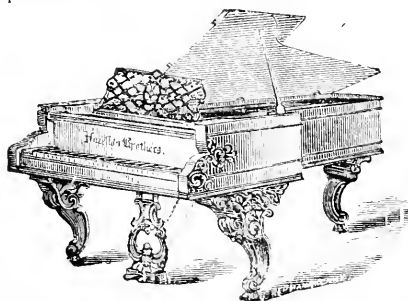
Importers and Jobbers of Millinery and Straw Goods, 1158 Main Street.

We desire to draw the attention of our many readers to the superiority and excellent business capability of this house. As compact and comprehensive in its details as any house in the city, it merits more than a passing notice. It must be freely acknowledged that their gratifying success is due to their admirable management and competent thoroughness of their staff. Some sixteen years in business, they have acquired a business built on as solid a foundation as the mighty hills surrounding us. The gentlemen composing the firm were both born in Hartford, Connecticut. Mr. H. Speyer, the senior, in 1849, and Mr. James Speyer in 1854. They came to Wheeling in 1870, and in September, 1870, started business. They wholesale and retail Millinery Notions of all kinds, manufacture and trim Hats, and do a General Jobbing Millinery Trade. All the specialties of their business are in the hands of skillful, trained employees; and the work turned out by them is of a superior standard of excellence. They employ ten hands, and give personal supervision to all work given them. Their trade extends through eastern Ohio, western Pennsylvania and West Virginia, and is increasing daily. A first class house in every particular.

WILLIAM H. SHEIB.

Pianos, Organs, Sheet Music and Musical Merchandise, Washington Hall, Twelfth Street.

This house was established in 1836 by James Mellor, a relative of the present proprietor, who succeeded the Mellors in 1866. During the continuance of this house,



the music business has very largely increased, and Mr. Sheib has been one of the most enterprising persons ever engaged in selling Pianos and Organs in this section. His trade is very large, and besides being the agent for the Hazeltan and Weber Pianos, known as the best, he is largely interested in the manufacture of the Broadwood Pianos, good and reliable instruments at a very low price. Dealing in the Mason & Hamlin Organs, Mr. Sheib makes a specialty of the Ohio Valley Organs, which, for quality of tone and durability as well as beauty, are not excelled by any. The

Sheet music business is an extensive item in the trade of this store, Mr. Sheib being an extensive musical publisher, and also proprietor of Sheib's Musical Journal, a publication of great value to musical people. A very extensive assortment of small musical instruments, such as Violins, Guitars, Flutes, Fifes, Drums, Clarionets, etc., will be found here together with the best qualities of strings and trimmings for all instruments. Altogether Mr. Sheib offers superior advantages to music buyers, and the different grades of instruments kept will enable the most fastidious taste or the most moderate expectation to be gratified at the lowest market price. The storeroom under Washington Hall, is a spacious and very handsome one, and has been specially arranged for the business. Mr. Sheib is a native of Pittsburgh, Penna., and is imbued with the active business qualifications for which Pittsburgh is celebrated.

L. H. HEMLBRIGHT.

Manufacturer and Dealer in Cigars, Tobacco, &c.

This store is situated at No. 1323 Market street, and represents one of the oldest establishment of the kind in the city, and indeed in the State, as it was originally started by C. A. Heimbright three years ago. This manufactory is conducted in a large room, which is quite one hundred feet deep, and has a frontage of about sixteen. The front part of the room is used for the sales department, and is heavily stocked with foreign and domestic goods, among which may be found the finest brands of Cigars, Tobacco and Snuff and an endless variety of smokers' goods. The rear part of the room is used as a factory, and employs quite a number of hands. The famous Tips and Stogies made at this establishment are not surpassed by any made in the United States. "Heimbright's Tips and Stogies" form a very prominent feature in a smokers' chatechism, and are rapidly sold to connoisseurs in smoking. The finer qualities of cigars, however, form a very prominent feature in the business of this enterprising house. The proprietor is himself a very superior judge of tobaccos and cigars; this of itself is a substantial guarantee of the quality of goods at this house. We mention this peculiar feature with some emphasis, as it often occurs that persons venture into this business who are not practical tobaccoists, and who may readily be supposed are not those who would always be sure of purchasing goods intelligently, and in consequence of which would be as likely to be deceived in the purchase of goods as his customers would be in buying them again from him.

THE GERMAN INSURANCE CO..

Fourteenth Street Opera House Building.

One of the great necessities of the day is the existence of fire insurance companies in which the public can place implicit reliance, not only as regards their solvency and conservative manner of doing business, but as to their reputation for treatment of insurers. The German Insurance Company ranks pre-eminent in this community for fair, just, impartial and liberal consideration for its patrons. Its business management is in the hands of honest capable painstaking men, careful and cautious in taking risks. There is

no illiberality in its settlements. Its investments are among the best in the city and unusual experience and business tact have characterized its history. It was incorporated May 11, 1867, and has a cash capital of \$100,000.00. Its assets are \$156,820.00. Liabilities \$23,639.99, leaving a surplus of \$133,780.01. The business of the company reaches through Ohio and West Virginia. Since their start the company have paid losses to the amount of over \$100,000.00. The handsome showing of assets above given are a sufficient indication of the business management of its affairs. The officers of the company at the present time are John Oesterling, President; Augustus Pollack, Vice President; Anton Reymann, Treasurer; Fidelius Riester, Secretary; W. S. Foose, Assistant Secretary. The Directors are Messrs. Jno. Oesterling, Augustus Pollack, Anton Reymann, Phil Schuehle, August Rolf, Wm. F. Stifel, Frank A. Woebler, A. C. Egarter and Fred Schenck. All prominent business men, characterized by their ability and success in life, and all connected with some of the most important and successful commercial and manufacturing establishments in Wheeling. The company is deservedly a favorite one and its business is yearly increasing.

M. SONNEBORN.

Clothing and Gents' Furnishing Goods—Bellaire, Ohio.

In giving a detailed account of the business advantages of a city, it is always necessary to select the best and solidest houses, who are known to do business on the square and on strict business principles, and those who carry a stock large enough to suit every buyer. The house which heads this article is one that we think is deserving of more than a passing notice in these pages, and we cordially extend to Mr. Sonneborn a hearty welcome to rank among the solid business concerns of Bellaire. The above house was founded by the present owner in 1877 with a small capital which has steadily increased until now he does a retail and jobbing trade of many thousands of dollars annually. The store is situated on Union street, and occupies two large and well-ventilated rooms, each 20x60 feet, and crammed full of Clothing, Gents' Furnishing Goods, Hats and Caps, etc. Wm. McGee, John McGee and Chas. Palls are employed to attend to the wants of the many customers who throng this "Temple of Fashion." The trade of this house is located in the city and in the counties surrounding. Mr. Sonneborn was born in Cumberland, Maryland, where he lived for a number of years, when he removed to Wheeling and commenced his business study. In the fall of 1877 he removed to Bellaire, where he started his present business, besides building up a large and lucrative trade he has established a highly cultivated acquaintance, and is noted for his liberality. We take pleasure in giving this voluntary sketch of this house, and if the reader will visit the establishment we are sure he will verify our statements, both of the business and its proprietor.

EXCELSIOR MACHINE SHOP.

Cor. Chapline and Eighteenth Streets.

H. W. Redman, Geo. G. McKown and W. J. Hamilton, under firm name of Redman & Co., General Machinists, and Manufacturers of Marine and Stationary Engines, Brass and Babbitt Castings and Job Work.

It was Martin Redman & Co., who were quite celebrated as machinists—who gave this establishment the firm reputation the concern enjoyed prior to the succession of the present company, which reputation, however, the company are determined to maintain, if not surpass in the future, by the excellent character of their work. They employ from twelve to fifteen hands, to whom they pay weekly from \$125.00 to \$150.00, according to number employed. This manufactory does a trade of about \$25,000.00 annually. Mr. E. M. Brown is the principal bookkeeper, H. W. Redman attends, in an official capacity, to all branches of the business. Their works will compare favorably with any other concern of a similar character in the city or the surrounding States. They are noted for the exquisite finish given to all machinery which they turn out; and so prompt are they in their business, that when they promise a job to be done on a certain date, it is always ready for the person or persons for whom it is made, according to contract. This punctuality on their part, together with the superior character of their work, always ensures them plenty of orders. They introduce all of the most approved modern improvements in the steam engines which they turn out of their extensive works. When time develops fresh inventions, for introduction into the manufacture of this kind of work, they are not slow in availing themselves of their usefulness. In fact, they keep abreast with the times in mechanism.

JOHN FRIEDEL.

Wholesale and Retail China, Glass and Queensware, 1130 Main Street.

We feel fully justified in stating, that taken all together, this establishment is one of the most important and creditable in the city. We have examined it with



some care, and are very much pleased that we can pronounce it a reliable, comprehensive, first-class enterprise: this is true not only as regards any one branch or class of his business, but strictly so as to every part. An establishment of this kind is a vital necessity in any city, but it is also essentially important that it be well conducted. This, Mr. Friedel does in a thorough, honest, capable and competent manner. His opportunities for

gaining an insight into the business have been ample, giving him that full experience and valuable observation which are so essential to the success of any business man. Mr. Friedel was born in Monroe county, Ohio. He was with A. Pollack from 1862 to 1866, and after that, until he started for himself, with the old and widely known firm of J. L. Hobbs, Son & Co. In 1873, in connection with Mr. F. Schwertfeger, he established the present concern, Mr. Schwertfeger afterwards retiring. He occupies a handsome building on Main street and employs four hands. His trade extends through Ohio, Southern Pennsylvania and West Virginia. He keeps constantly on hand a well selected assortment of goods consisting in part of white and decorated China and Glassware, Lamps, and Lamp Goods, Chandeliers from the modest one light to the elegant and costly ten light, Willowware, Fancy Tinware, Table Cutlery, Vases, Looking Glasses, and a large and carefully assorted stock of all styles and designs of plain and decorative Wall Paper.

L. V. BLOND.

Dealer in Boots and Shoes, No. 1135 Main Street.

Among the many industries that have tended to extend and enlarge the commercial importance of Wheeling and a description of which this work is designed, there is scarcely any class of business enterprises outside of the great iron and glass trade which deserves more liberal notice than the general boot and shoe trade. So great is the competition that great energy and enterprise are essential to success, and in this connection we desire to call attention to the excellent and superior stock of Mr. Louis V. Blond. This business was started by the present proprietor, Mr. Blond, in a moderate way in 1865. Managed with great skill and business ability, the trade of this house has increased until his business is second to none in the city, and no house receives a more liberal patronage from country purchasers. He occupies a handsome three story brick building on Main street, the principal thoroughfare of the city, employing two hands in the transaction of his business. He carries a full and complete stock of Ladies, Gentlemen's, Misses and Childrens Boots and Shoes of the best grades manufactured, selected expressly for this market. His stock of women's wear is from the most celebrated makers in the country. He handles the goods of the celebrated house of Reynolds Bros. and Striplay & Co. His trade is both in the city and surrounding country. A conservator of the general thrift of the community and fostering the best interests of the highly important branch of manufacture in which he is engaged by the very superior excellence of his stock, the house of L. V. Blond is the object of respect and honorable estimation in this city.

S. BAER & SON.

Wholesale Grocers and Flour House, Nos. 1312 and 1314 Main Street

A striking example of progress and of what energy, knowledge of business and fair dealing may accomplish is afforded by the history of this well known house which has become one of the business landmarks of the city. One of the most extensive and

prominent grocery establishments in the city is that of Messrs. S. Baer & Son. This house was started in 1861, by Simon Baer, the present senior member of the firm, and it has always maintained a high position, acquiring from year to year a larger trade and more available facilities. The present members of the firm are Simon Baer and Benjamin Baer. They occupy the entire three story double warehouse 14x120 feet, "The Double Yellow Front" at Nos. 1312 and 1314 Main street, carrying a full and complete stock of groceries, Flours, Teas, Sugars, Coffees, Spices and in fact every article usually found in a first-class, well regulated establishment, varying from \$35,000.00 to \$50,000.00. Their annual trade will reach as high as \$150,000.00. They make a specialty of Roasted Coffee and Flours. Their own brand of "Ceylon Roasted Coffee," roasted by a special process of their own at their own coffee roasting establishment, enjoys a high reputation, and has become a favorite. Their brands of Flour, "Aller Beste" and "Invincible," have no superiors and few equals in this market. Both members of the firm devote their personal attention to the business, and under their control and management their business has grown until at this time there is no larger establishment of the kind or one doing a more extensive business in the State. The several departments are managed with systematic skill and ability, requiring the services of sixteen assistants and two fine double teams in constant use delivering goods to their various customers in the city and to the rail road depots. They transact a large local trade and have an extensive trade throughout West Virginia, Western Pennsylvania, Eastern Ohio and Maryland. Both of the Messrs. Baer were born in Germany. The ample measure of success attendant upon the efforts of this house has been largely due to the enterprising, honorable and liberal policy that has always characterized its business transactions, and it is just to say that no firm in the city has achieved a higher reputation for these qualities and for mercantile integrity than the firm of S. Baer & Son.

JNO. BELTZ.

JNO. FLADING.

BELTZ & FLADING,

Steam Planing Mill, Centre Wheeling, Manufacturers of Sash, Doors, Shutters, Lumber, &c.

These gentlemen are the immediate successors of Salisbury Flading & Co., who began business with a capital of \$1,500.00. The present firm have a capital of \$16,000.00. Their present stock on hand is \$9,000.00. They do a business of \$35,000.00 per annum; employ thirteen hands. The factory is a 70x70 feet three story building. Everything pertaining to the business is after the most modern improvements and is driven by an engine of sixty horse power. The establishment is equal, as to the working capacity to anything in the neighborhood. The establishment is constantly kept running, as they have always a large mass of orders ahead. The senior member of the firm was born in Wheeling, and has been honored by the city in which he was born, by having been called to serve two successive terms in its municipal councils. The junior member, Mr. Flading, came from Germany in 1848. Mr. Wm. Huggins is the salesman for this enterprising firm. When we look back at the time when there was no planing mills, and consider the slow process for making everything in wood by hand, how tedious the whole thing looks! A carpenter that could then make two or three doors, and a half dozen pairs of sash, and a couple of parlor mantle pieces was thought to have done a splendid week or ten days work, and so he had, but now *presto!* how changed! everything is done by machinery. The carpenter still has his vocation, he is the intellectual power that instructs the machinery as to its duty, and it, like a faithful servant, obeys the dictum of its master. Everything goes like clockwork, and the work that is so rapidly made is equal in finish to work made by hand. So much for invention.

CUMMINS & WOODS.

Importers and Dealers in Table Glass Ware, Queensware, China and Stone ware, No. 1142 Main Street, Successors to Winship, Woods & Co.

This house, though not an old establishment, has all the energy and vim of one that has been long in the trade. Their room is one of the largest in the city; it is twenty feet front by one hundred and thirty feet in depth, and is packed from ceiling to floor with stock. Their trade is both wholesale and retail. The latter, however, receives their greatest attention, as it should do, as their stock is mostly of a finer order of goods than the wholesale trade generally desires. They make exquisitely fine goods a specialty. The wholesale department, however, is quite ample, and country merchants can be

supplied with anything desired at quite as low figures as can be named by any house not containing such an elaborate display of the more costlier lines of fine and elegant goods. Here may be found the most elegant lines of China-ware fresh from the "Empire of the Sun," and if a cup of tea be "the thing almost approaching to nectar" that the ladies say it is, how much more attractive must it be when opulence can afford to drink it from the "flowery land" where the exquisite plant is grown? However, a cup of good tea is "good enough" drank from plainer ware—"to be sure it is" say you. Seriously, these gentlemen have every thing that is usually kept in their line in first-class stores, from the most costly article *di virta* down to the cheapest trifle in the shape of a child's toy. Both of these gentlemen were born in Wheeling since 1850, and of course are young men, and are both workmen about their store; not disposed to let the grass grow under their feet, as is the case with so many young men established in a trade like the already fine trade of Messrs. Cummins & Woods. Their business is notably a city trade, and yet their sales to the adjacent States and the interior of West Virginia is quite extensive; indeed, whether at home or abroad, when anything fine and good is wanted, the names of Cummins & Woods are synonymous with good goods and low prices.

CONRAD LONG,

Manufacturer of Tin, Copper and Sheet Iron Ware, Martin's Ferry, Ohio.

He also deals in Stoves, Hardware, Glassware, Lamps, Lanterns, Wooden ware, Hobby Horses, Wagons, Toys; also House Furnishing Goods. All of the above are kept in endless variety. This gentleman commenced business in 1858 with a very small capital, which he has increased to its present ample volume. He has now a stock of about \$5,000.00, on which he realizes an annual trade of not less than \$12,000.00, but hopes in the future, by attention to the wants of his customers, to greatly exceed even this flattering amount of trade. His store room and workshops are quite large, being forty feet by ninety-four. Mr. Long is a German by birth, and the foregoing shows by his humble beginning and subsequent praiseworthy success, what may be done when there is a determination to succeed. This has been finely illustrated in his painstaking efforts to make his business what it is to-day, compared with what it was when he first opened out in Martin's Ferry. The Germans as a race, are notorious for their industry in any branch of business, and Mr. Long has shown himself, by his success, to be eminently a creditable representative of that enterprising race of people. Such energy and determination seldom fail to reward the efforts of those possessing them with the success which most always follows them, no matter by whom they are possessed. Anything in Mr. L.'s store can be purchased at his ware room as cheap as it can be had in Wheeling or elsewhere. He is always at your service for all kinds of work that may be wanted in his line, or to sell you any kind of goods in stock.

JOHN H. HALL,

Manufacturer of Saddles, Harness, Trunks, &c., No. 1133 Main Street, Wheeling.

The special branch of manufacturing industry carried on by Mr. Hall is one of much importance, and withal so conducive to the wants and necessities of the general public as to be deserving of special mention in this work. This business was established in 1855 by Mr. Hall in a small way, and with limited capital. Mr. Hall having come to Wheeling in 1844, a small boy, and learned his business as a saddler with John Knot. By strict attention to business and the uniform excellence and superior quality of all his work, his trade has steadily increased until it is now probably the largest establishment of the kind in the State. Mr. Hall makes a specialty of manufacturing collars of all kinds, and in this branch of his trade does a very large jobbing business. He occupies the large three-story building, at 1133 Main street, employing a large number of hands in his three departments, manufacturing and carrying a full and complete stock of Saddles, Harness, Collars, Bridles, Whips, Trunks of all kinds and grades, from the elegant and costly to the plain and cheaper. Mr. Hall is a thoroughly competent and practical saddler, giving personal supervision to all work done in his house. His trade extends through West Virginia, Eastern Ohio and Pennsylvania. Mr. Hall has been called on several times to serve his fellow-citizens in a public capacity, he having been a Member of Council for twelve years, and President of the Board of Education for eight years.

R. J. SMYTH,

Wholesale and Retail Dealer in Plain and Fancy Groceries, corner Market & Fourteenth Streets.

This is one of the most comprehensive and finely established stores for family supplies that can be found in the city. It was reserved for Mr. Smyth to be the pioneer in establishing the first complete, first class family grocery that Wheeling can boast of not denying that there are many other good grocery stores beside this one, but there are few, if any, that contain such an ample, fresh and varied stock. The room is one of the largest and best known stands in the city, and is frequented by patrons from all directions. One reason for this is, the proprietor is always at the bottom of the market in his prices for goods; another is, that he is an expert in his business, and handles nothing but first class goods. He is always abreast with the times. Whenever any novelty of decided merit is introduced to the trade, Mr. Smyth is almost sure to be the first to place it in stock and introduce it to the citizens of Wheeling. An enumeration of but a tithe of the immense catalogue of groceries, and the like in which the proprietor deals, would be a task of considerable magnitude, from which we shall refrain, but will nevertheless observe that Mr. Smyth's store is particularly noted for the superior quality of its staple articles, such as Teas, Coffees, Sugars, Flour, Hams, Bacon, Dried Meats, Cheese, and the like. These are leading articles in the trade, and pay but a small margin of profit, but the proprietor makes it a point to take the lead in handling none but the very cream of goods pertaining to this department of the business. The same, however, may be said of the other features of his trade. He always keeps the best.

G. W. TIEMAN,

Manufacturer and Dealer in Cigars, Tobacco, Smokers' Articles, &c., No. 1003 Main Street.

Just south of the suspension bridge will be found this manufactory. It has been in operation scarcely two years, and is now one of the most notable resorts for Cigars, Tobacco and Snuff, that there is in the city. The business is conducted in a somewhat small room which, however, is tested to its utmost capacity by the very large and steadily increasing business of the concern. The proprietor gives it the name of the "Cigar Parlor." It is a parlor indeed; everything is as neat and attractive as a well appointed parlor in one's own house. It is stocked from top to bottom with the finest foreign and domestic Cigars, Tobaccos and Snuff—thus presenting an agreeable contrast to many other establishments which are carried on in large, dingy rooms, containing just stock enough to redeem them from the charge of being empty, and without which the observer would be more likely to infer that they were for rent, rather than occupied for any legitimate business purpose. There is nothing more true than the assertion that a small room well filled with goods is more attractive to the beholder than a room that contains little or nothing, but depends on its size to impress the observer with an appearance of business. Men are usually not caught with such chaff, however—business is business and speaks for itself, wherever done—and this is precisely the case at Tieman's Cigar Parlor, as the constant stream of patronage which it enjoys fully attests. All kinds of Smokers' Goods are here in endless variety.

A. W. PAULL.

Late A. W. Paull & Bro.

This establishment is the representative of the Wall Paper, Book and Stationery house of J. C. Orr & Co., a firm that existed many years back in the past, and laid the foundation of the present heavy and peculiar line of trade of the proprietor. We use the word "peculiar" with some emphasis from the fact that Mr. Paull deals in wall papers, decorations, and everything pertaining to the trade to the exclusion of everything else foreign to it. It is peculiar, from the fact that it is the first instance of the kind in Wheeling, where an establishment has been successfully carried on in a line of such goods, separate and distinct from everything else of an existing nature intended to help to make business pay, as is often the case where dealers do not enter largely in any one particular branch of business. Such dealers generally do a mixed trade, and too often make a miscellaneous display of goods which are of a character entirely foreign to each other. In such cases the large wholesale dealer, when he wishes to purchase merely one line of goods, and of that largely, can neither get the

quantity he may want nor sufficient variety of the same, nor as close quotations of figures, as when the article he desires is dealt in exclusively. Wheeling having made such rapid strides during the last few years, caused Mr. Paull sometime since, to shape his business so as to conform to the new order of things. Being a shrewd business man and possessed of much foresight as to the future, he at once went to work and disposed of everything not pertaining to an exclusively Wall Paper trade, and in addition to that invested quite heavily in increasing his stock of goods to a point, that he is able to sell to country jobbers goods quite as low as they can purchase them in Eastern cities, thus saving dealers the carriage. By this step he has inaugurated successfully the first exclusively Wall Paper and Decoration store in the State of West Virginia. He keeps a full and very large assortment of goods suitable for jobbing demands, and an endless variety of Foreign and Domestic Wall Papers and Decorations for the retail trade, which are of the most elaborate designs and elegance as to style and finish. All kinds of Gold and Velvet goods may also be found at this elegant store. These goods cannot fail to please the most fastidious tastes, as they are attractive and superb. Mr. Paull's trade is very large in the city and State, and extends quite a distance in the surrounding States. A list of some of the most artistic and superbly finished jobs which the proprietor has put up in Wheeling and elsewhere, would make this article require more space than we can spare, but we refer the reader to Mr. Paull himself, who will, if desired, show him some of the best work of the kind ever put up in Wheeling, at various public halls, residences, &c., and more of it than has ever been done by any other dealer in the city. There is a familiar saying, that "actions speak louder than words." This aphorism is well illustrated by the fact that Mr. Paull's name is a synonym for good work, and is identified with a great majority of the finest, largest and most notable jobs in the city and surrounding vicinity. The reader must not infer from the foregoing that Mr. Paull deals only in fine goods. He keeps a full variety of low priced goods to meet the requirements of the times. Wall paper may be had as low as 4 cents per roll, and of an honest length for such a quality of goods. It may be important here to say, that Mr. Paull has apprised us that there are unscrupulous manufacturers who send out agents who offer to sell what is called "short length goods," for a price—as the reader can easily imagine, nominally—quite low. Their goods, are bought, quite frequently, all over the country, and sold for regular goods, and the customer finds out too late that they are not so long as the goods he formerly bought. Mr. Paull assures us that all goods that he sells are of the standard length, and that he warrants them as such. The strongest proof that the proprietor, in his prices, is at the bottom of the market, may be inferred from the fact that the New McClure House has recently been freshly papered with wall paper from this establishment. This house of itself is large enough to require quite a moderate stock of wall paper to paper it—as it is one of the largest buildings in the West. Mr. Paull has a competent corps of artists for making designs and estimates for work of all kinds pertaining to the business, and if you prefer him to attend to it, he will have any work you may desire promptly executed and in the most approved style.

LOGAN, LIST & CO.,

Druggists and Manufacturers of Excelsior Baking Powder, Bridge Corner.

Among the solid, substantial establishments of Wheeling, which have given her such an enviable reputation abroad, none rank higher for business sagacity, thrift and well directed energy than the firm of Logan, List & Co. Through unwearied energy which always invites trade, they now occupy a position second to none among their competitors. An existence of over thirty years in our city, entitles this firm to the claim of being one of the pioneer institutions of Wheeling in their line. This house was established in 1850 by Messrs. T. H. Logan & Co., and since its start it has occupied a prominent position among our commercial enterprises. They occupy a building on one of the most valuable corners in the city, 30x100 feet, three stories high. They employ twelve hands in the prosecution of their business. The members of the firm are Messrs. T. H. Logan, R. H. List and C. D. Hubbard. This firm makes a specialty of manufacturing the Excelsior Baking Powder. In these days of wholesale adulteration, when the most important articles of family consumption are deteriorated by the admixture of cheap substitutes, it is essentially our duty to be careful in the purchasing of all supplies entering into the culinary department of our households. Baking powder is one of the most important of these, and probably the one most fre-

quently adulterated. In fact it has been a question in some of the larger cities whether a pure article could be procured. Unfortunately some of the ingredients in these sham baking powders are extremely prejudicial to health, rendering caution the more necessary. The Excelsior Baking Powder can be implicitly relied on as being perfectly pure, and composed of the very best quality of proper ingredients. Aside from the many analyses showing the purity of this article, the guarantee of the firm alone renders it worthy of confidence. Their store is well stocked with pure drugs, and their prescription department is in careful, competent hands, receiving special attention, and prompt access can be had by day or night. All popular and desirable patent medicines and specifics are kept in stock, and they manufacture the choicest tinctures, fluid extracts and syrups, besides keeping a large variety of druggists' sundries, perfumeries, toilet extracts, &c. Their trade extends through Eastern Ohio, Western Pennsylvania, Western Maryland and West Virginia. Messrs. List and Hubbard are natives of Wheeling. Mr. Logan of Washington, Penna. Messrs. Logan and Hubbard have been distinguished by their fellow citizens by being called on to serve them in public affairs. Dr. Logan having been chosen as one of the representatives from this district in the present Legislature; he is also one of the most prominent members of the Council, being president of the Second Branch, besides serving in other positions of trust and confidence. Mr. Hubbard was member from this district of the Thirty-ninth and Fortieth Congress. He is now secretary of the Wheeling Iron and Nail Company.

C. W. SEABRIGHT.

Merchant Tailor, No 2201 cor. of Main and Twenty-Second Streets.

Mr. C. W. Seabright, the proprietor of this establishment, was born in Brunswick, Germany in 1836. He was a mail carrier in the government service in his native country for four years before coming to this country, early in life displaying qualities and a disposition fitting him for places of trust and confidence. He came to this city in the year 1849, and for twenty-one years occupied a prominent and responsible position with the old and widely known firm of Thos. Hughes & Co. He commenced business for himself in 1871, being in every possible way, from his wide and extensive acquaintance and perfect familiarity with his business, especially fitted to establish and build up a successful business. Mr. Seabright's long association with the customs and tastes of Wheeling and vicinity has given him a knowledge of the requirements and necessities of the trade, which would take an ordinary man a life time to acquire. His acquaintance with the trade and connection with it, extending over a period of thirty years: his constant supervision of his business, care in the employment of none but the best workmen, and frequent replenishing of his stock, has made his establishment the emporium of fashion of the city. He carries stock constantly of the best and finest fabrics to the amount of fully \$10,000, and does a business approximating \$50,000 per annum. He pays particular attention also to his selection of Gent's Furnishing goods, and probably the finest of goods in that line, and the greatest variety in the State can be found in his store. No change having taken place for years in the personnel of this establishment, it possesses thorough, well tried experience, studiousness and steadiness in its working force—the great qualifications of safety and competency for the getting up and finishing of well-fitting clothes. His prices are low, but he has not lowered his high standard of excellence, and he has never done any but a first-class tailoring trade. There is nothing too fine or too good to offer his customers, and his stock is selected from the choicest foreign and domestic manufactures. His cutters are competent and tasteful, his journeymen are picked men, and his own supervision constant and exact. He uses the most costly materials, and employs as much skill and taste as any other house in the State. The best evidence of his success and prosperity is the uniform excellence of his fits and the lasting satisfaction of his numerous customers. His pay-roll amounts to \$300.00 per week, and he employs generally thirty hands.

MAXWELL & ISHAM.

Wholesale Grocers, No. 1308 Main Street.

Among the many branches of business in our city, few can compare in importance and magnitude with the grocery business, and no house in our city in this trade outranks the firm of Maxwell & Isham. This house was established away back in the year 1858, when it was known under the firm title of Maxwell, Campbell & Tingle;

in 1870 succeeded by Tingle & Isham, and in 1876 the firm became Maxwell & Isham, and it is therefore one of the oldest firms in the city. This house is one of the substantial concerns of Wheeling, and it has built up a large and increasing trade through the legitimate channels of commerce. They have succeeded by actual merit and continual fair dealing through a long series of years, until now their reputation is established on a firm basis among the permanent and solid business of the Nail City. They are both men of large business abilities and experience, and manage their trade with consummate skill. Mr. Isham, the junior member is a young and active man, well known in business circles, and a gentleman of sterling worth. Mr. Maxwell is an old resident of the city, who has been for years engaged in his present business, and closely identified with the commercial interests of Wheeling, holding many positions of public trust and confidence. They do a large trade in Pennsylvania, West Virginia and Ohio, employing an efficient corps of salesmen and other employes, who are able men of capacity, kept busy with their duties in this well ordered house. A large and complete stock of all goods in their line is carried the year round, and a heavy annual business is transacted. All orders sent to this firm, will receive prompt attention, and country dealers cannot do better than to call upon them, where they will find the most complete stock of groceries in Wheeling. We heartily commend this house, and purchasers visiting them we feel sure, will endorse our representations of the proprietors and their stock.

JOHN KNOTE.

T. T. HUTCHISSON.

KNOTE & HUTCHISSON,

Importers and Dealers in Saddles' Hardware and Coach Trimmings, 1049 Main Street.

This establishment was begun in 1833, by John Knote, Esq. It was then devoted to the wholesale manufacture of Saddles, Trunks and Harness. This house is one of the connecting links between the good old times of stages and road wagons, and modern progress and railroads. It has with a steady enterprise kept abreast with the times in improvements. Mr. Knote was born in Lancaster county, Penna., in February, 1807. He has presided over this establishment forty-six years, until he has literally "grown gray in harness." During these years he has maintained a reputation for excellence of stock, honest dealing and liberality.

In 1848, Mr. Knote changed his business from manufacturing, to the sale of saddlers' hardware and carriage makers' goods. This was the first establishment keeping a general stock of carriage makers' goods in the section now called West Virginia.

Mr. Hutchisson was born in Adams county, Penna., August 24, 1827. He came to Wheeling in 1847, entered Mr. Knote's employ at that time, and has been connected with the establishment ever since. He became a member of the firm in 1860.

This house has always possessed the respect and good will of the citizens, and is a kind mark in Wheeling. Mr. Knote has not only served his fellow citizens faithfully in his business capacity, but he has been called upon several times to serve them in public affairs, having been a member of the Constitutional Convention of 1850-51, and in the Legislature in 1860-61. These positions he filled with respectable ability. The business of Messrs. K. & H. is conducted with ample capital. All desirable goods in their line may be found in this time-honored establishment. Any article purchased here can be implicitly relied upon as being the best of its kind.

WM. McMASTERS.

Druggist, Bellaire, Ohio.

Prominent among the commercial industries, of Bellaire, is the house which heads this article. Founded in 1874, by the present proprietor, it has had a career of marked success since its inception, and now ranks among the most solid firms of that city. The store is situated at No. 117 Belmont street, and occupies a building thirty-four feet front by fifty-five feet in depth, in which is a large stock of Drugs, Medicines, Paints, Oils, Dye Stuffs, besides an elegant stock of Perfumeries, and Fine Toilet Soaps. The stock carried will average about \$1,000.00 on which a business of from \$6,000.00 to \$10,000.00 per annum is done. There are employed a bookkeeper and two prescription clerks, who are thoroughly familiar with the business and can safely be entrusted to prepare any medicine the physicians may prescribe. The proprietor, Wm. McMaster, was born in Belmont county, Ohio, and is therefore a native of the county in which he now lives.

D. GUNDLING & CO.

Star Clothing House, No. 36 Twelfth Street.

This is comparatively a new enterprise not being much over a year old. The proprietors showed a great deal of business nerve to embark in this business when they did, as this is one of the most over-done branches of trade that is prosecuted in



Wheeling. They were shrewd enough to discover, however, that where so much is sold of an inferior quality, and represented as first-class goods by mercenary dealers, there was ample room for a first-class establishment in this line of business, and that its ultimate success only depended on good reliable goods, at just such prices as misrepresentation and dishonorable dealing was getting for the comparatively *worthless trash* daily disposed of by these insatiable vendors of *improvised* clothing. Something less than a year ago they rented that splendid room in McLain's Block, No. 36 Twelfth street, and stocked it with heavy invoices of goods pertaining to the Clothing trade from the most reliable manufacturers in the Eastern cities. They then com-

menced a liberal system of advertising, and by putting the very lowest prices to their goods, they started on a business career which has increased from day to day, until this store is now one of the leading clothing emporiums of the city of Wheeling. They warrant all goods sold by them to be of the best manufacture known to the trade—in fact equal to “custom work,” and at about half the price that is asked for the latter by those who pay fancy salaries and exorbitant rents. The business of this house is now on a solid and durable foundation, and yields a handsome margin of profit. Go past this store when you will, either early or late, you will always see the STAR CLOTHING HOUSE thronged with customers.

JOHN BUTTERFIELD.

Malster and Dealer in Hops, Barley and Rye, Cor. 22d and Water Sts.

This business was first started by the proprietor in 1863, as the principal partner of Butterfield & Co., It was carried on in this name in the building known as the “Old Athenaeum,” corner Sixteenth and Market streets. Some years after that, the structure was burned to the ground. The firm was then dissolved, and afterwards became, in 1873, “John Butterfield.” Mr. Butterfield then took the present large establishment for the prosecution of his extensive and constantly increasing business. One single department of this large concern has a capacity for malting 55,000 bushels of barley per season. The entire premises occupy three lots of ground which, in the aggregate, measure 366 ft. deep by 198 ft. front. Eight hands are employed in this enterprise. The works are propelled by steam, and are by all odds the largest in the State of West Virginia, and will compare favorably with any of the kind in the country. Mr. Butterfield is a native of England, from whence he came nearly a half of a century ago; he was of course quite young when he came to the United States. He is an expert in the malting business, and is at the present time the senior member of the noted house of “Butterfield & Co.,” Baltimore, Md. Their establishment in the East is known as the “Baltimore Brewery,” where a very superior article of XX Ale, Porter and Brown Stout are produced, which have become quite celebrated, both East and West. Parties desiring anything of the kind can be supplied by ordering from “Butterfield & Co., No. 113 Hanover street, Baltimore, Md.” The trade of the Wheeling house extends through West Virginia, Maryland, Ohio and Pennsylvania. Mr. Butterfield has quite a heavy capital invested, and deals quite extensively in all of the varied features of his trade. He is one of the most public spirited of our citizens, and indeed, a prominent one. He has been a member of the Municipal Council of Wheeling for six years in the past, and is a member of the City Council at present, and one of the most useful and active members of that body.

MAYER & BLUM,

No. 322 Union Street, Bellaire, Ohio.

The above house, opened in the year 1878, by Henry Blum and Alexander Mayer, started at once, through energy, careful management and attention to the wants of their customers, upon a successful business, far exceeding their expectations. They are dealers in Dry Goods, Notions, Trimmings, Fancy Goods, Ready Made Clothing, Hats, Caps, Oil Cloths, Trunks, Window Shades, &c. They occupy one building at No. 322 Union street, which is fully stocked with a supply of the above named goods. They are careful buyers, always buying for cash, which enables them to sell at the lowest prices. Four polite and attentive clerks are employed who will take pleasure in showing those who may call through the store.

WHEELING FEMALE COLLEGE,**BOARD OF TRUSTEES.**

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HON. A. J. SWEENEY.

GEORGE K. WHEAT, Esq.

On one of the proudest eminences of the city stands one of the most celebrated female colleges in the country, the Wheeling Female College. The scholars of this institution have all the combined advantages of urban and suburban life. This magnificent structure imposes itself on the eye of the beholder, with something akin to the romantic effect produced in medieval ages by the grand and storied baronial castles of the old world. This eminent and favorite college is known throughout the country by the accomplished graduates that it has sent forth to all parts of the Union. They are noted examples of culture, and were it not deemed unnecessary for our present purpose, and indeed, repugnant most likely to themselves, we should take pleasure in naming some of them. We will now speak in detail of the college building, surroundings and the like. From the windows of the college building on the south the eye takes in one of the most lovely scenes imaginable. For miles the view of the Ohio river, skirted by a grand amphitheatre of hills, is uninterrupted. Bellaire, the railroad bridge, the ascending and descending steamers, the rattling trains of the Cleveland and Pittsburgh, and Baltimore and Ohio railroads on opposite sides of the river, the grand old hills in striking contrast, all go to make up a picture of beauty rarely equaled, and this while right at our feet is the roar of mill works, the smoke of glass factories and the clinking and rattling of the artisan's hammer, and the everchanging panorama of busy life. From the windows of the eastern side, we see the windings of Wheeling creek and the many factories that skirt its banks. On the north the many beautiful residences that Wheeling boasts, its handsome churches, the market places, the custom house, the steamboat landing, the railroad depots, the suspension bridge, and all apparently miles away, as far as the noise and business of life is concerned, and yet actually within a stone's throw of the college. Wheeling Female College was chartered in 1848, and went into operation in the winter of 1850, and has always been regarded with pride by our citizens. As a boarding school the arrangements for the comforts and discipline of pupils are well devised, having in view their moral, intellectual and physical culture.

The college building is four stories high, and consist of a main building and two wings. The main building is 92 feet in length and 41 feet in width. The south wing is 43 by 41 feet, and the north 23 by 23. There are recitation rooms, a chapel and study hall forty feet square, mathematical and recitation rooms, four music rooms, preparatory school room, a gymnasium 40 feet square, a science hall, where is kept the best chemical and philosophical apparatus in West Virginia, a choice cabinet of geological specimens and minerals, globes, maps, charts and all else necessary for the study of Natural Philosophy, Astronomy and kindred sciences. It is not often that so complete and extensive apparatus is found in educational institutions for young ladies. The parlors are spacious and richly furnished. The dining room is large, airy and convenient.

The courses of study are perfect, and comprises everything essential to the per-

fecting of a cultivated mind, fitting it to the highest position in life—the accomplished grades of science, language, music and fine arts, receiving the advantages of eminent tutors. In short, no educational institution in America is more advantageously situated, combining the stillness, healthfulness and reticacy of the country, and the advantages, amusement and pleasures of the city. It is subject to a Board of Trustees and Executive Committee, consisting of many of the most influential gentlemen in the State, who, by the way, are unremitting in their interest and attentions for the welfare of the institution and to second the able and energetic efforts of the President. Miss A. Taylor, A. M. Miss Taylor is an accomplished lady with a wide experience, energetic and firm in her resolve that her administration shall continue with that unprecedented success that has characterized the management of the College since her accession as its President. The religious character of the College has always been in conformity with the liberal and Christian aim of its founders. It is a thoroughly Christian yet unsectarian institution, in which the word of God is systematically taught and the Christian religion is made the basis and character of education. Address the President.

MISS A. TAYLOR, Wheeling, W. Va

O. H. HOWELL.

Tin, and Sheet Iron Ware, Bellaire, Ohio.

The above store was started in 1877, and occupies the building at No. 538 Union street. This business was started with a small capital, but since its inception has steadily increased. He has by his untiring efforts and personal attention to business built up a large circle of friends and a correspondingly large business, both in the city and in the country surrounding. To those who will call on Mr. Howell we can safely say that his goods are always just what he represents them to be. He has established his trade by honest dealing and he proposes to hold it in the same way.

A. O. MELLOTT & CO.,

Furniture, &c., Bellaire, Ohio.

The above concern was started by the Marietta Chair Company in 1860. In 1871 the above firm succeeded the Chair Company. Since coming into the hands of the present owners, the business has been steadily increasing. The store is situated at No. 135 Belmont street and occupies a large two story building twenty-two feet front by ninety feet deep. In these rooms is piled Parlor and Chamber Sets of Furniture of all styles and grades. The undertaking department is complete and is a specialty with Mr. Mellott, and besides his large stock of Furniture he furnishes a Hearse, Caskets, Coffins, Robes, Crape, Gloves, &c., for funerals. This firm has a large local and country business which has been built up by an energy and perseverance, characteristic of its owners. A. O. Mellott is a native of Belmont county and came to Bellaire in 1866. His career as a business man has been one of marked success.

A. RICHARDSON.

Groceries and Produce, Bellaire, Ohio.

Away back in 1859, when the city of Bellaire was but a small village, Richardson & Brother started the above business with a capital of but \$300.00. Under their careful and able management the business has increased from year to year and to-day it stands a monument to their industry and is deserving to rank among the solid businesses of Bellaire. The store is situated at No. 221 Thirty-second street, and is a building 20x60 feet, well stocked with a large and varied supply of Foreign and Domestic Groceries, &c. Starting with a capital of \$300.00 they now carry a stock of \$1,500.00, and do an annual business of about \$20,000.00. Two clerks are kept constantly employed. They are attentive to the wants of customers, always ready and willing to wait on those who call.

Mr. Richardson is also agent for the B. & O. Express Company in Bellaire. This business is in charge of his son Geo. F. Richardson, who is also bookkeeper for the grocery store. Mr. Richardson was born in Draent, Massachusetts, and afterwards removed to Lowell in the same State, where he commenced his business career. On the 23d of June, 1856, he removed to this city, and commenced business as above stated. He has been actively engaged in the various enterprises which have made his adopted city what she now is, and we heartily recommend his store to our readers.

N. STEINHAUSER.

Wholesale and Retail Liquors, Bellaire, Ohio.

The above establishment is situated on Union street, No. 335, and is the largest concern of the kind in Bellaire. This store was started in 1876 by the present owner with a small cash capital, and since its very inception has proven a valuable investment—the increase over the first year's business being very large and still increasing. The building is a two-story, twenty-five feet front by one hundred feet in depth, and is filled with a choice stock of Wines, Liquors, &c., both imported and domestic. Mr. Steinhäuser keeps none but the very best of Liquors, and customers who wish to buy a good article should not fail to give him a call.

BELLAIRE BOILER WORKS.

Prominent among the industries of Bellaire is the concern which heads this article. Started in 1875 by the present owner, James B. Barnhill, they have from their inception been a financial success, increasing largely each year. They are the only Boiler Works in the city where all descriptions of Sheet Iron Work is done. The ground occupied by these works is quite extensive, on which is erected one building forty feet front by eighty feet deep. The works are erected on the line of the C. & P. R. R. and on the banks of the Ohio river, thus giving them all the advantages of shipment either by water or railroad. James B. Barnhill was born in Pittsburgh in 1837, and came to Bellaire in 1875. He is a practical workman, having been in the business in the Smoky City before coming to Bellaire. Those who have anything to do in his line will consult their interest by calling on him, as he can do the work as well and as cheap as any concern in the United States.

FREE & BURT.

503 South Union Street, Bellaire, Ohio.

A work professing to give in detail an adequate display of the commercial and manufacturing advantages of this city, would not be complete without more than a passing notice of the concern which heads this article. H. H. Free and F. H. Burt, Jr., are the individual members of this extensive concern; they are dealers in Sash, Doors, &c., Leather and Findings, Hides, Pelts, &c. This firm, although starting on a limited capital, have steadily increased their business, and at this time it would be impossible for us to give the figures in regard to their growing trade; suffice it to say that they are doing a first class trade, and they are gentlemen whom we have no hesitancy in recommending to our readers. They are well known and universally liked in the city which they have adopted for their business life. It would be a good idea for those who contemplate building a house to call on this firm before purchasing the material for building. The stock of Doors, Sash, &c., are all made of No. 1 seasoned lumber, and there is therefore no danger of warping.

Manufacturers' agents for the celebrated "Calvert" Oak Sole Leather.

GEORGE MATHISON.

Wholesale and Retail Hats and Caps, Bellaire, Ohio.

The above is the bon ton hat store of Bellaire and has for its customers the *beau monde* of the city. In April of the present year, Mr. George Mathison, with an eye open to the interests of Bellaire, opened at the corner of Belmont and Thirty-third streets an exclusively hat store, where will always be found a large stock of the latest styles of Hats and Caps, from the dandy silk to the urchin's ten cent chip hat. The steadily increasing trade of Mr. Mathison proves conclusively that he is being appreciated by the people of Bellaire and vicinity, and also that his is a good house with which to deal. His sales during this year will probably reach the sum of from \$3,000.00 to \$5,000.00, and this with a capital of \$2,000.00 invested is, to say the least, a good showing. Mr. Mathison is a native of Wheeling, where he was born in 1857. He has always been highly esteemed by those who know him in Wheeling. In 1879 he removed to Bellaire to embark in the above business, which under his able management has been so successful. During his brief stay in Bellaire he has formed an extensive and highly cultivated acquaintance, and though a young man is entitled to rank among Bellaire's solid business men.

J. F. SHARP.

Retail Grocer, Bridgeport, Ohio.

Of all family necessities there are none so full of solicitude and care to the careful and prudent housewife as her stock of groceries. How can she be expected to provide appetizing meals for the family if her groceries are not good? Give her good flour and she will provide good bread; let her supply of sugars, pepper, salt and other condiments be first-class and the food will be nicely and properly seasoned. A good, honest, capable grocer is a blessing to the housekeeper. Such an one Mr. Sharp claims to be in an eminent degree; giving his entire time, attention and energy to his business he is justly entitled to his claim. Mr. Sharp was born in Dayton, Ohio, in 1818. He came to Bridgeport in 1859. In 1876 he commenced business with a small capital, and so well have his well directed energy, unremitting attention and courteous demeanor been repaid, that his business is now a flourishing one amounting to some \$600.00 per year. He aims to keep a full stock of Staple, Fancy, and Family Groceries of all kinds, pure and fresh. He warrants his goods to be of prime quality and condition surpassed by none. He guarantees satisfaction and investigation of his stock. Mr. S. has been the recipient of favor in a public capacity, having been selected by his fellow citizens for the responsible position of Township Treasurer, in which he served them with honor and ability for four years.

S. HORKHEIMER & CO..

Importers and Wholesale Dealers in Wines and Liquors, Wool, Sheep Pelts, Furs, &c. Nos. 115 1/2 Water and 1, 3 & 5 Twelfth Street.

Among the substantial, A No. 1 houses in Wheeling, there are none that for business sagacity, energy, commercial and financial ability outrank this. Fixing their aim

at the highest commercial point, they claim with justice that they have almost accomplished this object, and they can claim that years of constant labor and industry have been devoted to the task of building up an establishment in which customers can rely on finding everything that experience has taught to be worthy of confidence. The members of the firm are Germans, and comprises Messrs. S. Horkheimer, H. Baer, H. Horkheimer, M. Horkheimer, and L. Horkheimer. The senior member, S. Horkheimer, commenced business in Woodstock, Monroe county, Ohio, removing from there in 1858 to Wheeling, where he began business again on a limited capital. The results of his business life are abundantly shown, not only by the immense busi-



ness done by the firm, being quite \$500,000, and a stock constantly on hand amounting to fully \$100,000; but by the confidence reposed in him by his fellow-citizens in calling on him to give them the benefit of his ability and sound judgment in public matters; he having been for years a prominent member of the City Council, a Director in Banking Institutions, Fire Insurance Companies, and Manufacturing Companies. In all positions which he has been called upon to serve Mr. Horkheimer has displayed distinguished ability and given faithful service. The younger members of

the firm all stand high in the business community for integrity, capacity and good judgment. This firm has a branch house in Zanesville, Ohio. They are probably, without exception, the heaviest wool dealers in all this section, handling enormous quantities. Their place of business is on one of the most prominent corners in the city—a three-story brick, 24x120 feet. They employ 22 hands in their three departments—their monthly pay-roll reaching the sum of \$1,300.00. In addition to this, this firm carry on an extensive sheep skin tannery, the most improved and thorough on this side of the Allegheny mountains—this is a three-story building, 55x100 feet. This branch of their business is carried on with their accustomed ability, and is the only establishment of this kind in West Virginia. In this are one boiler and one engine. Such firms as this give business tone and reputation to any city, and are unerring indices of her prosperity and availability for business enterprises. Their trade as may be imagined, is very extensive, and is located in West Virginia, Ohio, Pennsylvania and Maryland, and for wool, in Massachusetts. The reputation of the firm extends over the whole country, and might be said to be national; and exercises a wide spread and marked influence on the reputation, not only of the city, but State.

BLOCH BROTHERS.

Wholesale Grocers and Dealers in Specialties, No. 1137 Main Street, Successors to S. S. Bloch.

These gentlemen are extensive packers of specialties in the grocery line, among which may be enumerated Canned Mountain Trout, Beef Salad, Tripe Salad, Pickled Eels and Lamb's Tongues. They are also manufacturers of American, Swiss and Limburg Cheese. The articles mentioned are warranted first-class and unrivalled in the market. They form, however, but a part of their large and varied stock, among which may be found every article known to the trade, all of which may be had at the closest figures for cash or approved credit. The proprietors are both young men, (neither of them being over thirty years of age) and have established, in but a very few years, one of the largest trades in the city. Their home trade will compare favorably with that of any house in Wheeling, and their trade abroad is simply immense, extending, as it does, to all parts of the country. Considering this, it is surprising that it should have been accomplished so soon by such very young men. It is, however, only another illustration of the fact that some men are born business men, and really have but little to learn in its prosecution, while others, not shaped by nature for business, will go on plodding for years, ere they can learn the first principles of the trade.

BLOCH BROTHERS,

Manufacturers of Cigars and Smoking Tobaccos, No. 1317 Main Street

As will be seen elsewhere, the members of this firm are also wholesale grocers, and have been sufficiently alluded to in the latter capacity. We here speak of their Tobacco and Cigar trade. The individual members of this firm are S. S. Bloch and Aaron Bloch, sons of S. S. Bloch, deceased. The deceased was a native of Germany, but the sons were born in Wheeling. This manufactory of Tobacco, Cigars, &c., is one of the largest in the State, and employs, it is claimed, the largest number of hands employed in any other similar establishment in the city of Wheeling. From fifty-five to sixty hands find constant employment in this extensive manufactory. These workmen, being all first-class operatives, receive, as a matter of course, first-class wages. Such being the case, it may be inferred that the products of this factory are equal if not superior to those of any other house in the city or State. This accounts for the fact that Messrs. Bloch are always crowded with orders for goods manufactured by them. "Virginians," "Pride of West Virginia" Cigars are their specialties. Their workmen are never idle for even a single day. No inferior articles are permitted to enter into the compositions of anything sent out of this celebrated establishment, whether it be goods of a low grade or those of a higher kind. Wherever the goods of this popular house are introduced they rapidly come into favor. They are handled by the largest jobbers in the Union. The constantly increasing trade of this tobacco house establishes the fact that the goods sent out of it are unsurpassed by any in the country. Messrs. Bloch are always ready to meet the views of the closest buyers for cash, or on time.

JONES & BRO.,

Copper, Tin and Sheet Iron Ware 1163 Market Street.

Reliability and practical workmanship united with business tact and polite, accommodating manners are sure indicators of success. In Messrs. Jones & Bro. these qualifications will be assuredly found by all who patronize them. Messrs. H. F. and J. H. Jones compose the firm, born in this State, they came to the city in 1863, and commenced learning their business. In 1873 they began business on their own account and the possession of the qualities mentioned above have increased their business from a small capital to at least \$10,000.00 per year. They manufacture all articles entering into their trade in Copper, Tin and Sheet Iron and deal in all kinds of Stoves and House Furnishing Goods. Their place of business is in a very prominent locality opposite city building, Messrs. Jones & Bro. give their personal supervision to all work done by them and have uniformly given entire satisfaction to their patrons. Skillful, throughbred mechanics, their work will stand the test of the severest criticism. All goods usually found in this class of houses will be found in their stock and of the very best quality and make. Repairing of all kinds receives their special attention.

G. P. WHITTAKER, PRES'T.

N. E. WHITTAKER, SEC'Y.

WHITTAKER IRON COMPANY.

Works, South Side of Wheeling Creek, above Jacob Street.

This extensive Iron Works is one of the largest in the city. It was built about the year 1849 or 1850, and originally was used for the purpose of manufacturing railroad iron, but the present company have devoted it to the purpose of making all kinds of Sheet, Plate, Tank Iron, &c., in the product of which they have quite an extensive capital invested. These Iron Works are equaled by few enterprises of the kind in the country, either in the superiority of manufacture, or to the gross amount of material produced. This enterprise has advantages, both in the home and foreign markets, not possessed by many others of the kind—having extensive coal mines within a few hundred feet of the mills. An abundance of orders keep these extensive works in almost constant operation, both day and night, with the exception of such times when stoppage for repairs is necessary.

The capacity of these mills may be easily inferred, from the fact that they are conducted in buildings covering an area of ground 500x100 feet. About two hundred hands are employed in this establishment, to whom is paid over \$12,000 as monthly wages. A large home and foreign demand keep these works with a constant surplus of orders.

In the manufacture of Sheet, Plate, Tank Iron, &c., the Whittaker Iron Works have become the synonym for the production of the most superior articles in their line of trade, wherever these goods are introduced—embracing nearly every section of the Union. The iron business in the United States, during the past four or five years, has been put to a very severe and trying ordeal, from which it has not, even yet, entirely recovered. This company, however, proved itself equal to the emergency, and relaxed no effort to meet the supreme demands of the hour. Although profits are light, the Whittaker Iron Works fills all orders which offer a margin over the cost of production, even if the net gain be small—preferring to keep their machinery running, rather than let rust—which is greater than wear and tear—make inroads on their capital.

WILLIAM ALEXANDER.

Wholesale and Retail Grocer, Bridgeport, Ohio.

One of the largest and most extensive grocery establishments in Bridgeport is that of Wm. Alexander, successor to Bates & Alexander. Mr. Alexander started with J. A. Gray & Co. in 1849 in a comparatively moderate way. His energy, enterprising disposition and close personal attention, has yielded him that much gratifying result to the true man of business qualifications and abilities, "success," and he now transacts a flourishing and steadily increasing business. He carries a large and complete stock of choice family groceries, Flour, Teas, Sugars, Coffees, Spices, and in fact every article usually found in a first class, well regulated establishment of this kind, varying in value from \$8,000 to \$10,000. His annual trade will average \$40,000. He devotes his personal attention to the business, and his house has achieved an enviable

reputation for mercantile integrity. Mr. Alexander is a native of Greenville, Pa., and commenced to learn his business with John Hogg, of Mt. Pleasant, Ohio. His trade extends through Belmont, Guernsey and Harrison counties. He has done a prosperous and steadily increasing business, and his house is fully entitled to a prominent position among the representative houses of Bridgeport and this section.

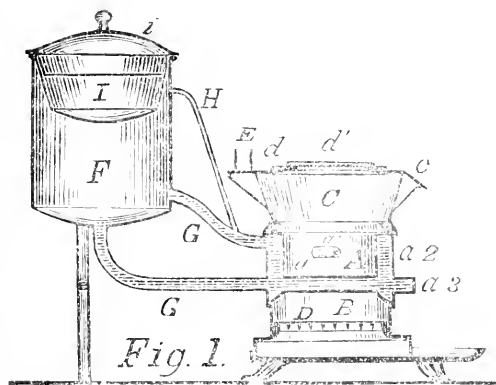
C. M. RHODES & CO..

Wholesale Grocers, Bridgeport, Ohio.

This house was started away back in 1849 by E. P. Rhodes, and justly ranks as one of the pioneer establishments of this section. It then assumed a position which it has since retained of being one of the responsible institutions of Belmont county, and has built up a very large and growing trade through actual merit and continued fair dealing through a long series of years of active business. A very large capital is invested, and an immense and very complete stock of everything in their line is carried the year round. Mr. E. P. Rhodes, retiring some years ago, the present members of the firm are Messrs. C. M. Rhodes and O. T. Rhodes. This establishment is one justly claiming a particular notice in our work, as they do a business second to none in this section of the country, and surpassed by few in much more pretentious localities. They occupy a handsome building 40x80 feet and three stories high. Their trade extends through this and adjoining counties. Any business transactions with this firm will be always attended to strictly and promptly. They are agents for the Kings Great Western Powder Company, and keep a magazine near Bridgeport, in which their supplies are stored. They employ four hands, besides book-keeper and salesman. Both members of the firm are natives of this place, Mr. C. M. Rhodes being born December 10th, 1845. No house in this section stands higher for integrity and square dealing. Mr. C. M. Rhodes is also a member of the firm of Rhodes & Dunlevy, Diamond Flour Mill.

U. J. DUFFIELD. 1106 WATER STREET.

Manufacturer of all kinds of Copper work for Steamboats and Distilleries: Copper Kettles of all sizes made to order: special attention to Copper Kettles for Sweitzer Cheese.



The quality of his work compares favorably with any in the United States. This is the oldest establishment in the city. He learned the business in Wheeling, and has followed it here ever since. He supervises every job done in his establishment, and is very careful to let no defective work go out of it. Mr. Duffield's establishment is known all along the Ohio, Mississippi and Missouri rivers, and in fact pretty much along all the western rivers and their tributaries, as a shop that cannot be surpassed for good work.

Mr. Duffield having been so long in the business, gives him an experience that can be depended on by those sending him orders; hence his great reputation in his particular calling. We doubt if there is a person in this business, from Pittsburgh to New Orleans, that is better known than Mr. Duffield. He is always on hand and offers work in his line at the lowest figures. Mr. Duffield makes large cheese kettles and sends them to different States; also agricultural and family boilers with fruit boiler combined. The above boilers are Mr. Duffield's own invention, and have given entire satisfaction. A number of references can be obtained in this city in their favor.

THE BELLAIRE & SOUTHWESTERN RAILWAY.

Office in Bellaire.

The Bellaire & Southwestern Railway Company was organized in 1875. The capital stock was subscribed to the amount of two hundred and forty thousand dollars, on the first division, from Bellaire to Woodsfield, forty-two miles. Surveys made, and estimates calculated, placed the cost at \$12,000 per mile; but the excellent management and rigid economy, connected with the shrinkage in the cost of labor and supplies, have reduced the cost of the road, fully completed and equipped, to \$10,000 per mile. The twenty-nine miles, now completed, gives evidence of good management, rare executive ability and unusual engineering skill. The bridging and trestling are substantial and well built, showing that no pains or expense were spared in those parts of the construction requiring special care; and in avoiding too many and too abrupt curves, it was necessary to build a great deal of trestle work. The ballasting of the road is progressing, and in a short time there will be no easier, pleasanter road to ride on in the State. The ascent of the road from the river level, is quite rapid, requiring a grade in many places of one hundred and thirty feet to the mile, and the sensation to the passenger of an up grade of an unusual degree, is often very apparent. The road passes through a rich country, hitherto accessible only by the usual country roads, frequently impassable in the winter season, opening up to the farmers the Bellaire and Wheeling markets, giving them facilities for the transportation of their products, which alone is worth the price of the road. To the tourist or persons seeking relaxation from labor, or the mere seeker after pleasure, a trip over this road presents unusual attractions—passing rapidly through the diversified scenery of the country, now skimming along the side of some creek, then rapidly mounting to the hill-tops, the scene constantly changing, the whole country dotted with elegantly built, comfortable farm houses, the sheep and cattle browsing in the fields, give a pleasant tone and vivacity to the trip, reminding one somewhat of the ascent of the White Mountains. For picnics and pleasure excursions, this country presents great facilities and attractions. There are numerous delightful groves and shady retreats, specially adapted for parties of these kinds. There could be no pleasanter resort, from the noise and bustle of the city, than some of the points on this road. Numerous views can be obtained along the road of great beauty and interest. Some of them, from the hill-tops, are really grand, looking for miles and miles over the hills and valleys, the view embracing every feature of a beautiful landscape, the cultivated fields, and in autumn the shady groves of trees with their variegated leaves, the white farm houses and barns, there are many of them really entrancingly beautiful, and well worth a trip over the road. The company will extend liberal inducements to picnics and pleasure parties seeking points for these purposes, and it is their intention to make their road the popular one for parties of this kind, and it is very certain there are few roads that can claim better facilities, or more of them, for these holiday excursions and parties. The business of the road is already very good, fully coming up to the expectations of its projectors, and when fully completed to Woodsfield, it will, beyond doubt, be a good paying investment, as it will have a monopoly of the carrying trade of the country through which it passes at full tariff rates. The road is of the narrow gauge system, which has become so popular of late years, and which experience has taught to be better adapted for the economical handling and transportation of the business of the country. The cost is less than the broad gauge, the wear and tear of track and machinery much less, the handling of trains much more economical, and current expenses, incident to working the road, greatly reduced. The location and direction of the road is unquestionably excellent in its selection, opening up a country that had practically no outlet for its farm and other products, giving the dense population of this section facilities for the transmission to business centers of the fruits of their industry, and thereby stimulating them to greater and renewed efforts. The officers of the company are S. L. Mooney, President; A. Armstrong, Vice-President; A. W. Anderson, Secretary and Treasurer. The Executive Committee is composed of the following gentlemen: S. L. Mooney, W. T. Morris, A. H. Caldwell, W. M. Armstrong, G. W. Sanders, A. W. Anderson, E. G. Morgan. The road will be completed to Woodsfield, the county seat of Monroe county, by December 1st, 1879. On the occasion of the speech of Hon. D. W. Voorhees, on the 8th of October in Bellaire, this road carried fully five hundred passengers from the country into Bellaire, evidencing already a capacity and energy worthy of great commendation.

J. W. SELLERS. PHOTOGRAPHER.

301 Union St., Bellaire, Ohio.

There are many still living who remember the time when it was almost impossible for a person in moderate circumstances to possess a picture of himself or friend. It was the breaking of a glad day, therefore, when the rude daguerreotype and then the ambrotype could be procured. These were eventually superseded by photographs, which certainly was another step toward the perfect likeness. At the art gallery of Mr. Sellers, the consummation of the highest skill is manifested in the various branches of the art. In the first place he has been careful to secure the most perfect apparatus; having done this, he has constructed a skylight upon the most improved and scientific principles, so that he shall not have any difficulties to contend with in these respects. Besides being a natural artist, Mr. Sellers has had close and rigid culture and long experience, and has kept pace with the most progressive ideas. These qualifications not only make him master of the profession, but give him a wider range in the judgment of style, position, color and shades best suited to his subject. His studio is made most inviting to the critic or lover of art. His walls and cases show the finest specimens that the art can produce in photographs or other styles of work. Copying and enlarging old pictures is made a specialty by him. Mr. Sellers is a gentleman of refinement and public spirit, and has been associated with the business interests and general prosperity of Bellaire since 1862.

S. L. BRICE. DRUGGIST.

The above gentleman has been established in South Wheeling, as a druggist and prescriptionist, for quite a number of years. The establishment is situated on the line of the city street railway cars, and has the reputation of being one of the most reliable prescription offices in the entire city. Mr. Brice has a full stock of such articles as are usually found in a first-class store of the kind. The capital invested in this business is \$3,000.00. There are two assistants, who are skilled and expert in their difficult art. The proprietor himself is well known throughout the city as a gentleman entirely devoted to his profession, and possessed of sufficient experience, tact and talent to have his business conducted with all the system and order that is observed in a medical school. Drugs are things which require the keenest eye and the soundest judge to deal in; for if these articles are not perfectly fresh and sound, no matter what skill the physician may have in dictating a prescription, it will be comparatively vain, and indeed sometimes injurious to the person for whom it is intended. First-class articles only are used at Mr. Brice's store for this purpose. Prescriptions compounded day and night.

R. M. THEAKER.

Hardware, Cutlery, &c., Martin's Ferry, Ohio.

This store is situated in Medill's building on Hanover street, where everything usually found in a first-class store of this kind is kept by this gentleman, and offered quite as cheaply as it can be purchased abroad. There was a time, and not many years since, that an enterprise like this, in Martin's Ferry, would have been considered a doubtful undertaking, but the proprietor had the foresight to see that the success of such a thing in a city so large as Martin's Ferry, only depended on one condition, and that was a complete assortment on hand at all times, and at such prices as would leave no inducement to those who had been in the habit of buying abroad to continue in doing so. This condition he fully complied with, and he has now quite a flourishing hardware trade in this busy and thriving corporation. His room is fully stocked with an endless line of hardware, cutlery, iron, nails, glass, etc. No need for citizens of this locality to go over to Wheeling for anything pertaining to the trade, as he sells first-class goods and at low prices, from the most important article in the line down to those of the most insignificant character. A large Stock of Stoves and Tinware, Oils, Paints and Varnishes, Porcelain and Granite Iron Ware.

JOHN REED & CO.,

Maltsters and Hop Dealers, No. 1425 South Street.

The individuals comprising this firm are John Reed, Esq., President of the People's Bank of this city, and Killian Kress, proprietor of the Eagle Brewery. These

gentlemen either buy, or sell if desired, malt, hops and barley in quantities at wholesale. Mr. Reed attends mostly to the purchasing of these commodities, having had a large experience in the business. They give the very highest prices for these goods, and buy in lots, no matter how large, (Mr. Reed being a heavy capitalist) whenever offered. A farmer need have no difficulty in finding a market for his commodities in this line, for here is the place all the year round to dispose of what he may have to sell. He will always be treated well by these gentlemen. No man in this whole community stands higher in character, as a business man, than Mr. Reed. He has lived in the city for nearly half a century, and has always had the utmost confidence shown him by business men, and in fact the whole community. Their trade extends quite a distance in the surrounding States and is enormously large, and of course remunerative. Bring on your products, farmers, these gentlemen are always ready to buy.

JOSEPH BELL & CO..

Corner of Fourth and Main Streets.

This well known and long established Foundry is one of the oldest in the State. It has often been said by the proprietors of this well established business, "that they need no advertising." If this could be said with truth, of any enterprise in Wheeling the eminent success in business of Joseph Bell & Co. would seem to entitle them to such a flattering and advantageous position as the one alluded to; but the truth is, that there is no industry, however large, that is not still further enlarged by a judicious use of printers' ink. The object of "THE INDUSTRIES AND STATISTICS OF WHEELING," &c., is twofold, however—first, to show to persons abroad the magnitude and importance of Wheeling as a manufacturing and commercial point, and secondly, while so doing, to benefit the subscribers to the work, by giving, in as much detail as our space will allow, the leading features, &c., of the business of each establishment, and in such a manner, as to attract, if possible, additional patronage from the public at large. This work, however, would fail entirely in what it purports to be, were such an extensive and prominent manufactory as that of Joseph Bell & Co. omitted from its pages. This Foundry has a frontage on Main street of 150 feet, and extends well back to the Ohio river, where it has a western front of 100 feet. The moulding room alone is quite large, being 100 by 90 feet. The mounting shop and pattern room is 140 by 28 feet, and is four stories high; the ware-room is 60 feet square, and two stories high. In the entire establishment there are 70 hands employed, who have every facility for turning out superior castings, as every modern appliance known to the trade is used at this progressive and enterprising establishment. Prominent among the products of this Foundry is the well known and favorite "Arlington Stove," which has stood the test of a long series of years, and human ingenuity has hitherto been unable to supplant it in favor with the housewives of the land. The "Arlington" has become, so to speak, a household word, in domestic economy. The trade of the house of Jos. Bell & Co. extends through the North, South, East and West, and is the most extensive in the State. The senior member of the firm, Joseph Bell, Esq., has served the public in different capacities; he has been a member of the Legislature of West Virginia, and has held other positions of public trust. The other members of the firm are David Bell and C. H. Senseney, Esqs.

A. J. SWEENEY & SON.

Manufacturers of Steam Engines, Boilers, Heavy and Light Castings, General Machinery, Mowing and Reaping Machines.

This varied and extensive manufactory is the oldest establishment of the kind in either the city or State. It was originally organized by a Joint Stock Company, in 1824. In 1830 the Hon. Thomas Sweeney, father of the senior member of the present firm, purchased it, and it remained in his hands for a long series of years. The works are now, however, on a much larger scale than ever before. Few establishments in the United States surpass them in capacity, and very few equal them in quality of work turned out. They consist of nine large, brick buildings, which occupy quite two and a half acres of ground in the extreme northern part of the city, known as the 1st Ward. This vast concern has five departments, capable of giving employment to three hundred and fifty hands, to whom would be paid as wages \$2,500.00 weekly. The works are propelled by three large steam engines of, in the aggregate, ninety

horse power, supplied by five large boilers. The individual partners are A. J. Sweeney and Jno. M. Sweeney, father and son. A. T. Sweeney is the bookkeeper. The trade of this manufactory is quite large at home, and very extensive throughout the Union. A vast amount of machinery that is made at these works is shipped to the western and southern rivers. Quite a heavy trade is done in Agricultural implements, such as Mowers and Reapers, which go to all parts of the country. Col. A. J. Sweeney is one of our most prominent citizens. He has been Mayor of the city so often, that recapitulation would seem almost unnecessary, but as this work is intended to contain, not exclude such matter, we insert it here. He has been the Mayor of the city of Wheeling for the several terms of 1861, '62, '65, '66, '67, '75, '76, '77, '78 and the present unexpired term of '79 and '80. We doubt whether there is another city in the United States that has so signally honored a citizen in this respect. He is a gentleman of notable administrative ability, a fine parliamentarian, and possessed of quite a liberal share of political and general culture. He was chosen by Council in 1855, to fill the unexpired term of Mayoralty, of the Hon. James Paull, who had then just been elected to the Legislature of Virginia. This was Col. Sweeney's first appearance in public life. He is one of the most efficient citizen's that Wheeling ever had, either in a private or public capacity, and enjoys a personal popularity, second to that of no other public man in the city or State.

O'KANE & DIVINE,

Manufacturers and Dealers in Boots and Shoes. No. 1107 Main Street.

There is no branch of industry carried on in this city of more importance or better worthy of notice in our work than the Boot and Shoe trade. A business that requires not only abilities of a first class order, but sound judgment and discrimination enabling the parties in the trade to cater successfully to the varying tastes of the public.—In a business so extensive and general as this, there are, of course, many who engage in it who do not possess these qualifications, and we desire to call the attention of our readers to a firm, who, by strict attention to their business, liberal and honorable policy, and conscientious adherence to the desires and instructions of their customers, have assumed a leading position in the trade of this section. We refer to Messrs. O'Kane & Divine. They started business in 1868, in a moderate way, which, from their business habits and able management, has increased from year to year, achieving a prominence in their trade well known in commercial circles and a most gratifying result of their labors. The manufactory and salesroom of this firm are located in a three story brick building on Main street, the most prominent business thoroughfare in the city. They employ nine hands in their manufactory, turning out all grades of Gentlemen's, Ladies' and Children's wear, from the very finest known to the trade to the plainer and cheaper articles. The proprietors are both practical men in their business, thoroughly educated to it by years of close application being probably the longest in the trade of any house now in Wheeling. They employ none but first class finished workmen, and in ladies' wear of their own manufacture enjoy a reputation equal to the large houses in the eastern cities. Their factory is run to its fullest capacity, and a large and complete stock of all goods in their line, of all grades in quality, sizes and prices, will always be found in this establishment.

LEWIS & CLEMENS,

Metropolitan Shaving Saloon, No. 5 Washington Hall Building.

There is probably nothing in a man's necessities that he is so particular about as his shaving; and this can readily be made a trial or a great pleasure. To have your face manipulated, when the hirsute appendage is being removed, by cool, soft, deft fingers, every movement gentle, every stroke of the keen, well kept razor, almost unfelt, gliding over the face with a soothing, refreshing sensation. You are perfectly clean and smooth before you are aware of it—then the dextrous, experienced hands busy themselves arranging your hair so softly and neatly that you awake as it were from a pleasant, delightful dream when your barber calls "next." This is pleasure unalloyed. No where in Wheeling can this pleasure be obtained to so much perfection as at the shaving parlors of Lewis & Clemens. They have made it their aim, and with success, to render their saloon the most popular in the city. Employing none but the very best and most experienced hands, keeping everything about them neat and clean, making their place of business inviting with its elegantly furnished apart.

ments, they have justly assumed a position at the head of the tonsorial fraternity in Wheeling. Their bathing rooms are fitted up with the most modern and approved appliances, well furnished and appointed, everything ready at a moment's notice for a delightful bath. In the hair-cutting department of their business they certainly cannot be excelled, both Boose and Tom being experts with the scissors. We gladly recommend to both citizen and stranger, in want of the services of a barber, the clean and elegant saloon of Lewis & Clemens.

REED & HOUSTON, DRUGGISTS,

No. 2200 Main St., Center Wheeling.

These gentlemen are the successors of Baguley & Reed, who started the business in 1853, at the same stand occupied by the present firm. Mr. Reed was formerly one of the large wholesale drug house of Reed, Kraft & Co., and is the inventor of the celebrated diarrhoea medicine known as "REED'S DIARRHOEA MIXTURE," which is widely known all over the country, and said to be an infallible cure for that common complaint. Their present capital is \$3,000.00. Besides themselves, they give employment to two hands, who are perfectly competent assistants in this intricate and difficult business. The individuals composing the firm are James Reed and John M. Houston. This is the oldest drug house in Center Wheeling, and does one of the largest businesses in the whole city. Prescriptions are carefully compounded at all hours, day and night, and are of the very purest and reliable materials, for which they charge the very lowest possible prices when compounded. Because you may not know the ingredients that enter into the composition of a prescription, is no reason why you should be overcharged for the order you give; this is often taken advantage of, however, by unscrupulous druggists. This never occurs at this house. It is a very conscientious and honorable one to deal with in this respect. Your ignorance in such matters is as much respected, in dealing with Reed & Houston, as if you were an accomplished druggist yourself, and knew all about the cost of such articles.

GEO. HESSE.

Corner of 33d and Eoff Streets, South Wheeling, Dealer in Boots and Shoes

Mr. Hesse commenced business on April 1st, 1879, with \$3,000.00 capital, and everything appears to work in his favor, as his trade increases every month. Doubtless the fact that the stock is entirely new has much to do with it; but this, unattended by other circumstances, would not create such a trade as he is now doing. His prices are notoriously low for such goods. This latter consideration combined with the former, and added to the gentleman's pleasant manner of dealing, is calculated to make the ultimate success of any business the assured result of such considerations. Here may be found the finest of Gaiters, Walking Shoes, Slippers, Heavy Boots and Shoes, etc. If you wish good articles at a fair price, his store is the place to get them.

KILLIAN KRESS,

1425 South street, Brewer of Ale, Porter and Brown Stout.

This gentleman commenced brewing the above popular beverages in 1868, on a small capital, but having determined to brew nothing but the very best that it was possible for human skill to brew, his productions rapidly grew into public favor, and became at once standard articles. Their sale kept increasing from year to year so much, that it is now quite doubtful if his sale of the above articles is not the largest of that of any manufacturer in the city. Honesty is the best policy in everything. Had the gentleman been so disposed, he could have availed himself of a shorter road to wealth than brewing a *pure* article, which road is well known to those in the trade who are less conscientious in the manufacture of the above beverages. But having determined, from the beginning of his venture in business, that his Ales, Porter and Brown Stout should attain the celebrity that they now enjoy, nothing has caused him to swerve from the rigorous line of rectitude which he knew would, in the end, bring him a good name in the trade instead of a bad one. Kress's beverages are never doubted as to quality, and are in general demand in the city, and are largely shipped abroad, West, East, North and South. A first order for these goods is sure to make a

permanent customer. Near to the different railroad depots, he enjoys facilities for the shipment of his excellent wares, not possessed by any other brewer in the city. Having sufficient capital to conduct a safe business, it is to be presumed that his business will still continue to increase, as it has done in the past. He is determined if honorable and straight forward dealing will ensure success, that he will obtain it. His prices for these goods are as low as they can be quoted by any other brewer who brews a first rate article, and will give the customer the same guarantee that he will.

J. R. NAYLOR & CO.,

News Depot, Wall Paper, &c., Bellaire, Ohio.

There is probably no concern in the city of Bellaire more extensively patronized than is the one which heads this article. The business was started in 1874 by the present owners, with a small capital which has steadily increased. The store is situated on the corner of Belmont and Thirty-third street, and is a large and well ventilated store, the cellar of which is used for paper bags and wrapping paper. Here will be found News matter of all kinds, Daily and Weekly Papers from all parts of the United States, School Books, Stationery and Blank Books, Wall Paper, Notions and Toys, either wholesale or retail.

OTT, HALL & CO.,

No. 1206 Main Street.

Wholesale dealers in Hardware, Foreign and Domestic Cutlery, and Saddler's Hardware. This popular establishment is the oldest house of the kind in the city, and probably in this section of country. It owes its origin to Samuel Ott, Esq., father of two of the members of the present firm. Mr. Ott and Mr. Joseph Pollock commenced business under the firm name of POLLOCK & OTT, above 11th street, in 1835. The name of the firm sometime afterwards became Samuel Ott. Subsequently the business was removed to the corner of 12th and Market streets, and was conducted under the firm name of Ott & Greer. After that, the name of the firm changed from time to time, as follows: GREER, OTT & Co., OTT & BOYD, OTT & SON, OTT, SON & Co., and lastly to that of the present firm. Thus it will be seen by the reader, that the house is nearly a half of a century old, during which time an uninterrupted business has been conducted by the firms alluded to, which increased in volume from year to year, until it culminated in the present comprehensive and extensive trade of OTT, HALL & Co., one of the most prominent firms in any line of business, either in the city or State, and one eminent for the energy and enterprise with which it prosecutes its heavy and constantly growing trade. The building in which the business is conducted, is one of the largest and handsomest business houses in the State. It is a three story structure, one hundred and thirty-two feet in length, by thirty feet front.

A capacious cellar runs the entire length of the store. The cellar is full of articles pertaining to the trade, and serves the purpose of an additional story. This store, for business purposes, may properly be called a four story one. Its extreme width and height of ceilings, which are 16 feet, and the unusual length of the rooms make the capacity of this house quite equal to that of any double store room in the city. The entire premises are packed with goods, from floors to ceilings. The stock of MESSRS. OTT, HALL & Co., will compare favorably with that of any house in the West, and with many of the prominent houses in the East. The energetic and progressive character of this firm, combined with their systematic and agreeable manner of doing business, has secured them an extensive trade both at home and abroad. The trade of MESSRS. OTT, HALL & Co., exclusive of the home trade, extends through West Virginia, Maryland, Pennsylvania and Ohio, where they are constantly represented by persons connected with the establishment, who, aided by samples of a first class stock, and low quotations, are not only enabled to retain the trade of the old patrons of the house, but to secure that of new ones on nearly every business trip. Thirteen hands are constantly kept busy in this heavily stocked concern, from early in the morning until late at night, either selling or packing goods for shipment abroad. The proprietors of this house are as constantly and industriously employed, as the employees. Every department in the house moves with the same regularity and order as a nicely constructed piece of machinery. The individual members of the firm are: Morgan L. Ott, Wm. H. Hall, Henry O. Ott and Wm. P. Heiskell. These gentlemen are all

first class business men: the eminent success of the house, however, would indicate that the administrative ability of the establishment, is of the most enlightened character. In purchasing for the house, this firm never deals with what are known as "middle men," but purchase direct from the manufacturers, both in this country and in Europe. This, as a matter of course, enables them to sell goods at the lowest margins of profit, and insures a permanent trade.

HENRY SCHMULBACH & CO..

Wholesale Liquor Dealers. No. 1133 Market Street.

A careful review, or detailed examination of the various commercial enterprises of Wheeling, renders plain or apparent the justice of the reputation or celebrity which she enjoys abroad, for business energy and enterprise. Prominent among the business houses of the city, both on account of the magnitude of their business transactions and the ability and systematic manner of conducting their business affairs, stands the establishment of Henry Schmullbach & Co., started in 1862, by Mr. H. Schmullbach. From a small beginning, this concern has grown to be one of the largest and most influential business enterprises in the City. Mr. Schmullbach afterwards connected Messrs. Henry Hanke and Solomon Kraus with his house, and these gentlemen under the direction of the senior, Mr. Schmullbach, have conducted the business with signal ability and marked success, sustaining the well earned reputation of the original proprietor, and the house to-day is the most extensive of its kind in the State. They occupy the spacious and commodious double three story warehouse, No. 1133 Market street, 110 by 25 feet, carrying an average stock of about \$75,000.00 consisting of every variety of Foreign Wines, Brandies, Gins, Rums and Cordials. Pure Rye and Bourbon Whiskies, the choicest brands, from the most renowned Distilleries in the country. They enjoy a large city trade, with a liberal patronage from dealers and druggists throughout Eastern Ohio, West Virginia, Western Maryland and Pennsylvania; their annual sales reaching \$200,000.00. In addition to the stock carried in the warehouse, they keep constantly on hand, quantities of pure Liquors. Five assistants are constantly employed by this house. Mr. Schmullbach is a native of Hesse Darmstadt, he has several times been called on to serve his fellow citizens in a public capacity, generally declining, although we believe he served one term on the Board of Education.

AUGUSTUS POLLACK,

Manufacturer of Crown, Mould, and Seed Stogy Cigars, also Crown, Standard. Seal of West Virginia and other Superior Tobaccos. Numbers 1216, 1218, 1220, 1222 and 1224 Water Street.

This is one of the most extensive tobacco works in the country, and infinitely the largest enterprise of the kind in West Virginia. This factory comprises five large departments. The Wheeling establishment is an immense building, 73 by 100 feet, and is four stories high. The amount of stock carried, is over \$60,000.00, on which a business is annually done of from \$150,000.00 to \$200,000.00! Seventy-five hands find employment in these comprehensive works, and receive about \$400.00 as weekly wages. All of the equipments of this concern are of the most modern and approved design. The Tobacco Cutters are of immense size and capacity, and are operated by steam power. In the manufacture of cigars—known by the name of stogies, these works are believed to be the largest in the world. The proprietor has a trade extending from the river St. Lawrence to the Gulf of Mexico. Large orders are constantly received from the Canadas, and even Great Britain. An annual stock of 200,000 pounds of leaf tobacco is carried, and none except double sweated, or fermented leaf is worked in any of the departments of Mr. Pollack's Factories under any circumstances. He was the first cigar manufacturer who introduced the Mould Stogy, which has become quite a favorite with smokers, and is in general demand, both at home and abroad. As illustrative of what energy, foresight and perseverance—combined with capital will do, we would allude to the fact that Mr. Pollack commenced the business in 1871, on a capital of \$40,000.00, which has increased largely in volume. He is now a stockholder in many of the most prominent joint-stock companies of the city and elsewhere, among which may be mentioned the German Bank, the Aetna Iron and Nail Works, and the Germania Fire Insurance Company. Being a gentleman of irreproachable merchantile and social character, he has, for quite a number of years,

been prominently before the public in different responsible positions. He was formally a member of the Board of Education. He also served as one of the members of the Directory of the Wheeling Female Seminary. From 1852 to 1871, he was largely in the wholesale notion and fancy goods business, which, however, in 1871, he abandoned for the purpose of inaugurating the present extensive Tobacco and Cigar enterprise. Mr. Pollack is a native of Westphalia, in Germany. There he received a collegiate education, this was supplemented by a fine commercial one in an eminent business house in Germany. These two elements are happily combined in Mr. P., and to a certain extent, explain the secret of his well deserved success.

WHEELING HOSPITAL.

The Wheeling Hospital, the only Institution of the kind in the State of West Virginia, was incorporated by an Act of the General Assembly of Virginia, passed March 12, 1850. It is located in North Wheeling, on the banks of the Ohio river. No site within the city limits could be more retired, and yet more accessible and more happily selected for the purposes of such an institution. Since its foundation, nearly thirty years ago, it has been under the management of the Sisters of St. Joseph, who devote themselves with assiduous care and solicitude to their patients. The well-deserved reputation which these Sisters everywhere bear for their excellent nursing of the sick and suffering, is the best guarantee that patients entering the Wheeling Hospital, will receive the very best treatment, and, as far as possible, all the comforts of home. The charges whether in the wards, or for private rooms, will, on comparison with the rates in similar institutions, be found extremely moderate. These charges, which do not include physicians or surgeons fees, range from \$4.50 to \$10.00 a week.

U. S. Marine patients are received and attended in accordance with the contract made with the Surgeon General of the U. S. Army.

Since the death, many years ago, of the distinguished Dr. Hurlihen, the Physician in charge, has been Dr. John Frizzell. His fame as both a surgeon and physician, which has passed far beyond the boundaries of his own State, is a strong recommendation of the merits of the Wheeling Hospital. But the Institution is open to all the Medical Faculty of the city, and patients are at liberty to employ the services of any respectable practitioner. It is understood, however, that in sending any patient to the Hospital, the Physician pledges his professional honor, that there is nothing in the subject which is excluded by the Hospital regulations. The number of eminent physicians and surgeons, who practice their profession in the city of Wheeling, to all of whose patients this Hospital offers its excellent accommodations, is a sufficient guarantee to our less favored citizens in the interior of this State and in adjacent States, that they may here receive, at comparatively light expense, the very best medical and surgical attention and the most skillful treatment. All communications should be addressed,

Sister in charge of

Wheeling Hospital, Wheeling, W. Va.

N. W. BECK.

JAS. W. SIMPSON

BECK & SIMPSON.

No. 14 Sixteenth Street, Plumbers, Gas and Steam Fitters and Dealers in Steam Whistles, &c.

This enterprising firm keeps in stock at all times a full supply of the above useful articles in great variety. Anything not on hand either made to order, or obtained at the shortest notice. They are both experienced mechanics, and give their personal attention to everything pertaining to their business, which they think much better than entrusting work to half learned subordinates. Orders filled carefully and with dispatch. Send to them for work when you want it done, and it will be done well and cheap. They say they defy any one in the city to produce better work for the money than they will. If you wish Gas Fixtures introduced into your house, they will do you such work as to quality and price, that you will be sure to favor them with your patronage in this line ever in the future, as they make this latter feature a specialty. Orders for street and garden hose filled to a nicety. Their supply of sewer pipe is complete and an order from any portion of the surrounding country promptly attended to. As we have said before, all work done well, and the same warranted to give satisfaction in every particular, and at

bottom figures. This is a modest and unpretending establishment and for that very reason, reader, you are likely to be pleased with quality of goods and prices of the same, than you are to be where they pay high rent and high salaries to clerks. Special attention given to rebronzing chandeliers, &c., &c.

OSCAR SEELEY.

Practical Plumber, and Dealer in all Kinds of Plumbing Materials, No. 2112 Main Street.

This is comparatively a new enterprise, as the proprietor only opened in 1877. He has a very fine stock of goods, however, in a fine room, and in one of the best locations for trade that is to be found in the city. Mr. Seeley has made himself a host of friends in this city by the excellent character of the work pertaining to his trade which he has done, and by his general qualities as a gentleman apart from business considerations. Many men will live in a place for many years and not be as successful as Mr. Seeley has been in the short time he has lived in Wheeling. His business is quite large, comparing favorably with that of any of the older establishments of the kind. The secret of all of this is, he is obliging and prompt in the execution of orders entrusted to his care, does good work, uses none but the best of material in connection with the same, and charges the very lowest figures, for anything he is commissioned to execute. It may be easily inferred from this that he has plenty to do. He keeps quite a fine stock of Plumbing Materials, and anything in the line not in stock, he will order for you with the utmost promptitude. All kinds of repairing carefully attended to, and in a thoroughly workman-like manner. Leave your orders for good work at low figures.

HUGO L. LOOS.

Manufacturer of Fine Cigars, Tips and Stogies; Wholesale and Retail Dealer in All Kinds of Tobaccos, Snuffs and Smokers' Goods. Number 1228 Market Street, East Side.

This establishment was commenced in 1868, on a small capital, by Mr. Loos, in a building on Twelfth street between Chapline and Market, in quite a small room as compared with the present large and more eligibly situated manufactory on Market street. He now employs, he assures us, from seventeen to twenty hands, to whom constant employment is given. An idea of the magnitude of the business may be formed from the fact that 2,000,000 of stogies alone are turned out at this manufactory annually. Such an enormous product of merely one feature of the business indicates an extensive business in the aggregate trade in the other articles, such as fine and common tobaccos; choice Havana cigars; and fine cigars of a medium grade, and tips; all kinds of snuff, and a general assortment of other things—such as smokers Goods—must indicate a prosperous business for this well known and popular house. This house ships goods to the Canadas, New York, Philadelphia, Chicago, St. Louis, and even to San Francisco—besides having a general trade to less noted points in many of the different States. This has all been accomplished by attention to business, energy, perseverance, making and shipping a prime quality of goods at such prices as have commanded from time to time a return of further orders.

WM. MYLES.

Photographer, 2154 Main Street.

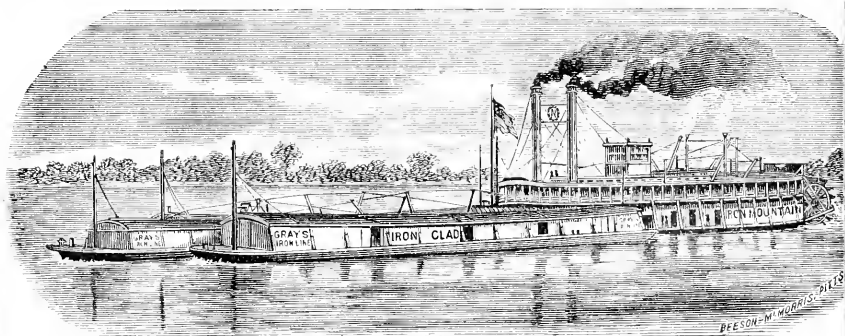
There is nothing more conducive to the good morals of a city than any enterprise contributing to the cultivation of refined ideas and tastes. Who has it in his power to do more in this way than the finished and artistic Photographer? Mr. Myles has certainly done everything in his power to cultivate and perfect his art. Born in Ireland, he came to Wheeling in 1851. In 1859 he commenced business and by faithful, constant endeavors and a true artistic conception of his profession, he has secured for himself a prominent position in this community. His pictures are strictly true to nature, and are faithful portrayals of the linaments of his subjects. There are no improvements in his business, no styles of sittings in his art that Mr. Myles has not availed himself of. Mr. Myles has been called on to serve his fellow citizens in other capacities, having been chosen Councilman from his

ward, and being at one time President of the Board of County Commissioners. Mr. Myles is just finishing a magnificent brick building in Centre Wheeling, which he will occupy in the prosecution of his business.

GRAY'S IRON LINE.

Freight Transportation, Office, 94 Water Street, Pittsburgh, Pa.

Contingent upon the industrial manufacturers of Pittsburgh, Gray's Iron Line is entitled to particular mention in these records. As the Pioneer Line of Barge Transportation of general merchandise from Pittsburgh it was established in 1863, with a view to afford shippers greater facilities in the river transportation of heavy freights to points in the West, North and Southwest from which they would otherwise have been virtually cut off. The Iron Line at once became a permanent institution. In heavy freight transportation the company gives special attention to



that of Steel and Iron Rails and Pittsburgh and Wheeling manufacturers from all points. The proprietors are Capt. R. C. Gray and Capt. M. W. Bettzhoover, the former acting as general manager, W. P. McConnell and J. H. Dunlap being respectively secretary and superintendent.

Being the largest undertaking of the kind in this part of the country the facilities of this company are somewhat extended and consist of the Steamers Iron Mountain, W. C. Gray, Master; Fearless Thos. Greenlee, Master; Ironsides, Jas McDonald, Master, thirty-five model barges for regular freights, iron, etc., etc., and five barges designed for carrying bulk grain, having a total capacity of 140,000 bushels with a tonnage of 1,400 tons each. For safety, speed and economy this line has justly achieved a matchless reputation. No men in Pittsburgh are better known, or more highly esteemed than Capts. Gray and Bettzhoover. Their connection with the growth and prosperity of the Iron City has been a very intimate one. Gray's Iron Line is but one of many beneficial enterprises to which they have lent their names and advanced their capital, employing in this branch of their business alone, over one hundred men. They may well be entitled to consideration as promoting in no small degree the industries of Pittsburgh.

HANNA & CLEMENS.

Manufacturers of News and Book Paper, Fulton Paper Mills, Wheeling.

This is one of the oldest paper mills in the country. The present firm are the successors of several firms in the past; among whom may be mentioned Armstrong and Fisher, and Armstrong and Sons. The former firm established these well-known mills nearly fifty years ago. The present firm, however, are introducing some new machinery, which, when completed, will give these mills double the capacity of producing power to what they have ever been capable of in the past. They are quite large, as they occupy an acre of ground. When the new machinery is adjusted they will compare favorably with the most prominent mills in the country. They are propelled by two steam engines; one of ninety, and the other of twenty horse power, which are fed by three double flued boilers, thirty-eight

inches in diameter and twenty-eight feet in length. A remarkable feature about these mills is, the proprietors assure us that they are "the only mills in the country that are producing a pure rag news paper," as it is known that most of the paper upon which newspapers are printed is made of inferior materials. This fact alone should ensure Messrs. Hanna & Clemens large orders, as it is well known that nothing will make so good an article of paper of the kind of which we speak as cotton rags. This establishment does a heavy business in Wheeling, Baltimore and Cincinnati, and has a large trade in the surrounding States. The individual members of the firm are Thos. Hanna, and Daniel Clemens. They were both born in Steubenville, Ohio. They are both practical paper makers, and work in the mills themselves, and are gentlemen of business enterprise and intelligence.

E. LARKIN.

Dry Goods and Notions

This old and reliable establishment was started in 1852 by the father of the present proprietor, Mr. Edward Larkin, No. 1042 Market street. The greatest aspiration and highest achievement of the business man is the satisfaction of his customers, and in this Mr. Larkin stands pre-eminent, courteous and urbane in his deportment, anxious to gratify the tastes and whims of shoppers, no matter whom, or how poor or rich. He has built up and holds a trade gratifying to the pride of any business man. The amount, style, texture and quality of his goods are a treat for the lady buyer. "Cheap as the cheapest goods is the best," are the mottoes Mr. Larkin has for his guidance, and one may rely on the representations made in this establishment, everything sold is warranted both as to quality and quantity. It is a labor of love to Mr. Larkin to give the greatest amount of satisfaction to his customers. His trade is in both city and country and from a small beginning a very large and remunerative trade has been secured. Mr. Larkin was chosen at the last municipal election to represent his ward in the City Council, a testimonial to his uninterested energy, unswerving integrity and business capacity. Such men as Mr. Larkin are a credit and a benefit to any city in these days of show and greed, and give strong evidence of what may be accomplished by aim and push coupled with honesty of purpose.

HENRY A. ALBRIGHT.

Manufacturer of Tin, Copper and Sheet Iron Ware, 2607 Chapline Street.

Mr. Albright, the proprietor of this store, was born in Prussia in the year 1817, and came to this country in 1836, and to Wheeling in 1858. In July, 1858, he began the important struggle to better his fortune by establishing a shop for working at his trade. Mr. Albright is a mechanic of long and great experience, practical in every sense of the word, and all work turned out of his shop bears the stamp of good workmanship. He deals in House Furnishing Hardware of all descriptions and kinds, Stoves, Buckets, in fact everything in his line. He pays particular attention to putting on gutters and spouts, and in all and every case warrants his work in every particular, quality and workmanship especially. He has a fine city trade and gives general satisfaction.

D. C. LIST.

Pork Packer and Manufacturer of the "Chester" brand of Sugar Cured Meats
No. 23 Fourteenth Street, between Main and Market.

The proprietor was formerly the senior member of the large wholesale grocery house of List, Davenport & Parks. He is now heavily engaged in the Pork Packing business in all its branches and the manufacture of Sugar Cured Meats. The name of "Chester" is the trade mark by which Mr. List's celebrated productions are known at home and abroad. "Chester" Hams and Breakfast Bacon are used in a great many of the families of the city on account of their superiority of manufacture, fine quality, and exquisite flavor. Wherever these goods are introduced they never suffer from competition, as they have been pronounced by the trade to be superior to most of the sugar cured meats which are admitted to be standard.

articles with the trade. The excellent character of these goods may be inferred from the fact that they will, at all seasons of the year command a higher figure from dealers than those which are regarded as a marketable article, bearing the brands of other manufacturers. This house enjoys a heavy home trade, and a constantly increasing one from abroad. The proprietor has made this business a thorough study in all its branches; the result is, he offers a line of sugar cured meats of a character unsurpassed in quality by those of any other establishment in the United States.

DONALDSON, LEWIS & CO..

W. R. Donaldson, W. Lewis, C. Ahl and W. H. Little are the individual members of this establishment and Jacob Jefferson bookkeeper. These gentlemen are the successors to the "Wheeling Wagon and Carriage Company." This establishment is the oldest one in the city. It has existed for nearly half a century under the above firms, and those of E. Hays & Co., and Busby & Little, in times long gone by. It is a very extensive affair and may be found at Nos. 1500, 1502, 1504 and 1506 Market street, from whence it extends back to Chapline. It has five departments, and employs constantly about fifteen hands in the prosecution of its business. The pay roll is between \$130.00 and \$150.00 per week. The proprietors assure us that the quality of their work is equal in durability and style, to the work of any shop of the kind in the country. They will take orders for and make every style of vehicle known to the trade, including Carriages, Buggies, Track Wagons, Trucks and Express Wagons. They can make anything in this line that is made in first-class establishments. Their work in the line of Buggies and Carriages is notably light and handsome. When it is averred that even Pittsburgh, which is eminent for its skill in this branch of trade, cannot surpass the work of Messrs. Donaldson, Lewis & Co., it is saying a good deal. Call down and see their work and be convinced of the fact, and also of the fact that they sell at bottom figures. They also attend to all kinds of repairing with neatness and promptitude.

CARNAHAN & CO..

Dealers in Boots and Shoes, Nos. 2103 Main and 117 Sixteenth Streets.

The house of Carnahan & Co. is a very old establishment, having been first organized in 1810 by James H. McMechen with quite a small capital. The present business is about six times as large as was that of the original house. The capital of Messrs. Carnahan & Co. is quite large, which, as they do a very heavy business in both houses yields them handsome returns. The Main street building, in which they conduct the most important branch of their business, is 70 feet in length, by 22 feet front. It has two departments, in which four hands are employed. The store on Sixteenth street is of similar size. In either of these stores you can have your wife, daughters, sons, or self fitted with an elegant boot, shoe or slipper—as the stocks are very heavy and comprise all styles, qualities and sizes. Often in going to a shoe store where you have been in the habit of dealing, you find that you cannot get *precisely* what you want, either in style or size; and finding this to be the case, you are often induced to purchase, though not *quite* suited—from the fact that you dislike to go elsewhere—having dealt at the store of your friend so long, as they have always tried to please you. Nothing of this disagreeable nature ever occurs at the stores of Carnahan & Co., as they constantly keep up their stock in every respect, by continually sending orders to the eastern manufacturers from time to time; as the demands of trade may require from season to season. No store of the kind in the city surpasses either of the stores of Messrs. Carnahan & Co., in the able manner in which it is managed in general and in detail.

EBELING & PEBLER.

Wholesale and Retail Dealers in Leaf and other Tobaccos, Cigars, &c. Nos. 1043, west Side of Market Square.

This is one of the oldest and most extensive tobacco houses in the city. It was originally commenced on a somewhat smaller scale than at present, in the lower part of the city by Mr. Ebeling, about the year 1860. The trade increasing from year to year, caused the proprietor to form a co-partnership with Mr. Pebler, a gentleman of much

experience in the tobacco and cigar business. A firm representing so much enterprise could hardly fail to succeed. The business kept enlarging from year to year until they were obliged to remove their tobacco factory to a larger room, and the present extensive three-story ware-room was rented by Messrs. Eheling & Pebler. It is one of the largest tobacco ware-rooms in the city. It is 100 feet long by 22 feet in width, and admirably situated for the demands of trade. As the premises are large, and therefore well adapted for a wholesale, rather than a retail trade, it may be inferred that the business is an extensive one, as it really is, extending over a great many states and even into the territories. It must not be inferred from the above, however, that they do not sell goods at retail. To do so would be incorrect, as their retail trade is quite large. Everything embraced in a general tobacco and cigar manufactory may be found at this establishment, either at wholesale or retail. The very best of leaf tobacco is an article in which they deal heavily. This is a specialty with them.

Invariably purchasing from first hands, and in large quantities, they are enabled to offer such inducements to purchasers as are not to be had elsewhere. Putting nothing but the very best of stock in their goods, they find a constant demand for all that they can manufacture. The reputation of this house is second to none in the trade. Everything in the tobacco and cigar line is offered to close cash buyers at the very lowest figures. The senior member of the firm, Mr. Eheling, is a member of the Board of Education of Wheeling.

JOHN ROEMER.

Wholesale and Retail Dealer in Dry Goods, Carpets, Notions, Wall Paper and Window Shades, Main Street Center Wheeling.

This spacious, elegant and popular establishment is conducted in a double store-room, and is one of the most varied and extensive concerns in the city. Nothing but the best of administrative ability could ever have developed such a comprehensive business as this concern now enjoys. Originally the trade of this house was conducted in a single store-room, but energy, enterprise and low prices, created such an increase of the trade that the proprietor deemed the premises to be of too contracted a character for the convenient prosecution of his constantly increasing trade. The adjoining room was rented, and both rooms were transformed into one large and elegant establishment; and one of the heaviest stocks put into it that was ever put into a store in the city. The result was a vastly increased trade. Wall paper and window curtains were added to the attractions of this enterprising house, and at such figures as caused a large and constant demand in this new feature in the business. The proprietor, with his polite assistants, are always on hand to show visitors goods whether they wish to purchase or not.

GEO. E. STIFEL & CO..

Dealers in Foreign and Domestic Dry Goods, Cloaks and Shawls. Furs made a Specialty. No 1065 Main Street, West Side.

Messrs. Stifle and Schwertfeger, the individual members of this firm, may be said to be experts in this business, as they have been in the trade from boyhood. The senior member is, perhaps, as good a judge of the quality of domestic goods as any merchant either east or west, his father having been a calico printer in Wheeling for over forty years, in which business the father has amassed an ample competency. The firm of Messrs. Stifle and Schwertfeger was but recently formed, they, hitherto, having been the principal salesmen of one of the then leading Dry Goods houses in the city. Believing that it would be to their interest to embark in business for themselves, and urged to it by influential friends, and the assurance of good will and patronage by a large proportion of the public, they opened out something less than a year ago, and have succeeded beyond their most sanguine expectations. Their trade embraces quite a large and fashionable proportion of city buyers, and has a very extensive circulation in the surrounding country. Having a ripe experience in dealing, both in foreign and domestic goods, they keep one of the most fashionable and best selected stocks ever offered to the public, and at prices which will ensure their sale, when tested by a fair examination. One great advantage this firm has, is that their stock is all new and of the latest designs and styles; no old goods to offer you—everything is modern and desirable. These gentlemen do not have to resort to the old, threadbare cry of "Closing out at cost," "Come and examine our cheap counter goods at half price," &c.

N. W. BECK,

Brass Foundry and Machine Works

Mr. Beck keeps constantly on hand an almost endless variety of Brass Goods, Globe Valves, Cocks, Whistles, Cylinder and other Oilers, Babbitt Metal, Metallic Packing, Gum and Gum Belting, Packing Yarn, Belts, Lace Leather, and all kinds of Engineers' Supplies. Successor to Collins & McGill, established thirty years ago.

This old and well known establishment may be found at No. 12 Sixteenth street. This gentleman offers his services to the public in general, and steamboat and other engineers in particular. This latter class can find at his establishment supplies of a character that it would be difficult to find in such variety, quality and quantity elsewhere in the city. He has a very extensive trade in Ohio, Pennsylvania and West Virginia, and a very large city trade among such persons who may have demands for his goods, as his prices are so low that they defy competition. Mr. Beck has lived in the city all of his life, and therefore may be called a citizen in the fullest sense of the word. He is a very ingenious and experienced mechanic, having had an experience of eighteen years at the machinist business, and eleven years of that time as superintendent of a first class machine works. Should you want an engine or other machinery drafted, or any advice in regard to kind, size or quality of machinery, it would be well to call on him. He is prepared to cast or fit up spring-packing in the latest improved style, fit up models of light machinery. All kinds of repairs made at short notice. His prices will be found, on application, to be as low as such work can be done for the same amount of labor bestowed on the job. He can do a perfect job in either plain or intricate design in brass work: in either heavy or light work he is entirely at home. If you have a broken stop-cock, or anything which you may be disposed to deem as worthless, send it to Mr. Beck, and he can restore it to its original usefulness at a moderate—indeed, many times at but a trifling charge. You may always depend on having good work at low prices from him.

N. B. Old brass may be sold at this shop.

LAUGHLIN BROS. & CO..

Wholesale Druggists 1208 Main Street

Among the prominent mercantile establishments of Wheeling, which have contributed so largely to her reputation as a manufacturing and industrial center, there are none occupying a more conspicuous position than the firm of Laughlin Bros. & Co. Ranking as the largest drug house in West Virginia, largely identified with some of our most prosperous manufacturing and commercial enterprises, commendation of the Laughlin Bros. at our hands would seem superfluous. This establishment was founded in 1841 by Messrs. Samuel Laughlin, Alex. Laughlin and S. B. Bushfield, and from the day of their embarkation into business life the Messrs. Laughlin have manifested an enterprising, energetic spirit, from which has resulted the present successful and popular house. The present members of the firm are Messrs. Samuel and Alex. Laughlin, Chas. H. Odibert and Alex. R. Campbell. They occupy a building three stories in height, forty feet front by one hundred and forty deep—employing eighteen hands in the prosecution of their large business. They carry a stock of about \$100,000, and do a business of some \$275,000 per year. Every article and every class of goods pertaining to a first class drug establishment, are kept by them. Actuated by their usual business acumen and judgment, they purchased, a few years ago, the interest of Dr. A. S. Todd in his wonderful medicine, which has a world-wide reputation, "Todd's Liver Pills," paying therefor the large sum of \$25,000. These Liver Pills justly hold a most prominent position among medical preparations, not only in this and adjoining States, but their fame has extended to foreign countries. This house does an immense business, as is readily evidenced by visiting their place of business and watching their capable corps of assistants at work preparing, packing, selling and shipping from their large stock. It is not only in their private business capacity that the Messrs. Laughlin have served their fellow-citizens, but each of them have been called on to occupy positions of public trust and confidence, Samuel Laughlin being at the present time Vice-President of the Exchange Bank and one of the Directors in the new organization of the Belmont Mill. Alex. Laughlin was for some years President of the Benwood Nail Mill, and is now President of the "Laughlin Nail Works" and the "Junction Iron Company," formerly known as Mingo. Alex. Laughlin has also served in the City Council. They are representative men, such as build up the trade and business reputation of prosperous cities.

C. H. DINGER.

Wholesale and Retail Dealer in Hats and Caps. Wholesale House at No. 38 Twelfth Street; Retail Store at 1047 Main Street.

The basis or origin of both of the above businesses was the well known Hat and Capstore of Mr. S. Avery, who sold out his business a short time after the late rebellion occurred, to Messrs. Bliss & Dinger, which firm, however, was of short duration. Mr. Dinger succeeding to the business in his own name alone. This was at No. 1064, just one door above the corner of Main and Eleventh streets, and occurred in about 1862 or '63. A few years after that the proprietor removed to 1047 Main street—one of the present establishments—where he, by attention to business, built up one of the best retail trades of the city. He soon found, however, that there was room for him in the wholesale branch of the trade. This branch he cultivated with such energy and judgment, that he found the premises in which he did business entirely of too limited a character for the proper transaction of both the wholesale and retail features of the Hat and Cap Trade. To meet this emergency he resolved on carrying on the jobbing department in another establishment, and rented one of those magnificent rooms in McLean's Block for the purpose, No. 38 Twelfth street, which he has filled with suitable goods for the trade, and where he is doing a leading business in the jobbing of Hats and Caps. No more notable instance of the result of foresight and perseverance, in the mercantile minds of the city, can be pointed out than this one, of which Mr. Dinger is the central figure. Aided by an efficient corps of assistants, he is doing a flourishing business at both stores, and for the best of reasons—he sells goods cheap.

T. W. WEITZEL.

Groceries.

Experience teaches us that the most successful man is he who best understands catering to the various wants of his fellowmen. Mr. Weitzel proves the truth of this axiom, for nowhere is there a stronger evidence of its application and successful result than in his case. Mr. Weitzel's store is first class in every respect; his selection of goods displaying good sound judgment and taste. No inferior goods, or second rate brands of make find room on his shelves. The purchaser can rely strictly on his representations and feel confident of being supplied with pure, fresh, unadulterated Groceries. Mr. Weitzel was born in Bavaria, Germany; came to Wheeling in 1847. He began business in 1872, and has carefully fostered his trade until it is now of large dimensions and increasing rapidly. His place of business is at the corner of Market and Twenty-fourth Streets, Center Wheeling.

NICHOLAS SCHLUTZ.

No. 1310 Market Street.

Manufacturer of and dealer in French and American Candles and Confectioneries, Foreign and Domestic Fruits, and all kinds of Canned goods kept on hand and for sale in endless varieties. This is one of the most enterprising houses in this department of trade that can be found in the city or State. Mr. S. first commenced business in 1861. He is a practical workman in this particular and complicated trade, and knows the business with such thoroughness that there is no mystery to him in proportioning the exact quantities that enter into the compounding of the most elaborate and fine articles of confectionery. To be a perfect master of this, which he is admitted to be, we conceive to be a complicated and requiring much ingenuity and skill quite as much as that which is required in making things that have a more prominent place in art. In this store can be purchased the famous fruits, &c., of almost every productive climate in the world. Oranges, Lemons, Grapes, Figs, Pines, Raspberries, Currants, Nuts, Bananas, Fine Apples, &c., *ad infinitum*—any kind of fruit in endless varieties. This store, it might be said, is a sort of commercial museum, where every thing may be seen that tempts the eye, sharpens the taste, and as a matter of course depletes the purse. We generally make it a point to go into this famous store and look at things which in themselves are well worth going to see, but here to satisfy ourselves *with* looking—for what right has a poor laborer with such things as these as much as he can do to find money for the economic necessities of life? We say we *look* at them, we do indeed, and find a sort of gratification in the reflection that there are



some people any how who can afford these luxuries. The trade of this house is quite extensive both at home and abroad. The proprietor is one of our most reliable commercial men, and enjoys the esteem of his fellow merchants.

TURNER & DILLON.

Number 1223 Market Street.

Dealer in Watches, Clocks, Optical Goods and Fire Arms. This establishment was originally established by the senior member of the firm in 1849, and compared with what it is now quite a small scale. He, being a practical Watchmaker, was not long, however, in commanding a liberal share of public patronage. The junior member of the present firm is also a practical workman, and though a younger man than Mr. TURNER, is quite an expert in everything that pertains to the trade. Few men of his age are as well informed in their respective lines of business as Mr. DILLON is in the branch of trade in which he is engaged. This is conceded even by his competitors in the Watch, Clock and Jewelry trade. This is a flattering and well deserved compliment. The property in which the firm conducts their business was built but a few years since, and is one of the handsomest store rooms in the city. It was built by the senior partner to accommodate his increasing trade when the business was carried on above 14th street on Main by Mr. TURNER alone. It is admirably adapted for the purpose for which it was built, being in one of the most fashionable business centres in the city. The firm of TURNER & DILLON has within a few years back made rapid strides for supremacy in the Jewelry trade of Wheeling, and seems to have attained a position which no competition can injure or dislodge it from. The ample capital and indomitable energy of the firm have been rewarded by a large and fashionable circle of patronage, both at home and abroad. Repairing in all the varied branches connected with the trade attended to with the utmost care, and excellence of workmanship, and at figures which can not fail to please the patrons of the house. Messrs. TURNER & DILLON never entrust complicated work to inexperienced or incompetent hands. The proprietors always attend to this class of work personally. A splendid lot of Fire Arms always in stock.

M GUTMAN & CO..

Clothiers and Furnishing Goods. Nos. 20 and 22, Cor. 12th and Main sts.

Among the most attractive and best stocked establishments in the city, is the large Clothing house of M. Gutman & Co. They occupy the large double four story building on the corner of 12th and Main streets, by far the largest building devoted to this branch of trade in the city. Their rooms are spacious and elegant, with handsome show windows on both streets, that are always decorated with the most tempting display of the latest novelties and most attractive goods in their line. This business was founded in 1863, by the present proprietors, and is a branch of a Baltimore house, founded in 1852, by M. Gutman, the father of the gentlemen composing the Wheeling firm, Messrs. M. and D. Gutman. These gentlemen are also interested in the Baltimore house, where a large portion of their immense stock is manufactured, although their purchases are not by any means confined to the Baltimore market. They carry a very large stock and do a very extensive business, employing 19 assistants. The Messrs. Gutman have been actively engaged in this business since boyhood, and give to their trade the benefit of matured judgment, the result of years of connection with the Clothing business. Their place of business is an ornament and credit to the city, and will compare favorably with any similar establishment in the country. They are gentlemen of great energy and very agreeable and popular manners and their high business qualifications have placed them in the front rank of the leading business men of the city. The successful prosecution of any business enterprise requires both ability and intelligence, with a natural aptitude for commercial pursuits. This combination always results in success, as it has in the case of Messrs. Gutman & Co. The possession of the necessary knowledge of trade requirements is an important element of success in any branch of business. Possessing this knowledge in an eminent degree, enables them to give to their customers the benefit of their abilities, and to furnish goods in greater varieties and more moderate terms than most establishments, which is one of the strongest reasons of their success. Such men soon make a reputation worthy of record, and the appreciation of their fellow citizens. Mr. M. Gutman is a Director of the Exchange Bank, and also of the Laughlin Iron Works.





OPERA HOUSE OF WHEELING.

In the progress of all nations towards civilization in ancient times, the refining influence of the Drama has been acknowledged as an important element by historians. Indeed one of the strongest indications of the change, from the rude to the cultured state of society, has been the growing taste and appreciation for dramatic and theatrical amusements. One of the first impulses of any thriving enterprising community when emerging from the village or town condition, to that of a city, is to become possessed of a building for public amusements and dramatic display. The love of wealth and the engrossment of business, are not the sole characteristics, as is often falsely stated of the Americans. There are no people who have a better appreciation or more cultivated taste for the legitimate Drama, or who build larger or more costly and ornate edifices for the encouragement of the Thespian art. Wheeling it is true, was for many years unprovided with a building, adapted for scenic display or conveniently arranged for the effective presentation, of the better class of theatrical or operatic entertainments. But during the last few years, much has been done to remedy this defect by the building and improvement of the Opera House. This building which is pronounced by experts to be admirably designed and finished, and complete in construction and arrangement, was built in 1870 by Mr. James Hamilton, but it afterwards passed into the possession of the German Insurance Co. of this city. Mr. F. Reister the Secretary of the Company, is *ex officio* manager, and he deserves no small share of praise for his successful efforts to continue to the public the benefit of this elegant place of amusement. The interior of the house is handsomely and elaborately decorated, and provided with unusually comfortable and roomy opera chairs. All the details are of the most complete and best approved designs; and everything possible for the better comfort and convenience of patrons has been furnished with lavish hands. The size of the house is 70 by 100 feet, being in height equal to 1 stories. The stage is 60 feet wide and 30 feet deep; the trap and machine cellar is 15 feet deep. There are 2 exits from the first floor and family circle, and one from the rear of stage for the safety of actors. All of the doors open outward, affording every requisite for speedily emptying the house in case of fire. Every possible precaution is taken for the safety of spectators. The stage in its appointments is perfectly complete, and all the skill of the artist, the engineer and the mechanic have been called on in its construction. The seating capacity, aside from boxes, is 850. The dressing rooms for actors which are very complete, are 8 in number, including star rooms. Some of the most celebrated stars and combinations of the country have performed in this house, and have universally spoken loudly in its praise, for its convenience, perfect arrangement, completeness of detail and acoustic properties. There can certainly be no more charming place of amusement in the Country, and under the able management of Mr. Reister few more successful or more worthy of success. Under the building there are four finely furnished spacious offices, one of which is occupied by the Insurance Co. for their office.

FRIEND & SON.

Number 1063 Main Street.

Wholesale and Retail Dealer in Furniture, Carpets, Oil Cloths and Window Shades. This extensive establishment was first started on quite a limited capital by Mr. R. F. Friend and his son R. K. Friend, in 1862, on the opposite side of Main street, somewhat north of the present splendid Store Room. The business, from its very origin, seemed to have in it all of the elements of prosperity that are assential to a permanent trade. From year to year the business increased in volume up to 1869. During this year the Senior partner died, the entire management of the business devolving on the son, Mr. R. K. Friend. This gentleman shortly after this, purchased the premises on which stands the present magnificent structure. By a judicious investment of a similar amount of what he originally paid for the property, he provided himself with a business house of extraordinary capacity, and in the very centre of the commercial part of city. The building is 180 feet long by 22 feet front. Counting the cellar, which runs the entire length of the building, and is used for business purposes, the house may be called a 3 story edifice of 180 feet in length. Thus, it will at once be seen that the premises have all the capacity that a 6 story one would have if it were the average length of store rooms $\frac{1}{2}$ of 30 feet. This house is one of the leading Furniture establishments in the State. We should despair in making an attempt to enumerate item



by item the different articles of merchandise that are kept in these extensive and splendid Furniture and Carpet Warerooms. Suffice it to say that the establishment is packed from top to bottom with goods of the most elegant and fashionable design, everything pertaining to the trade being always kept in stock, and at bottom in prices for cash, or approved credit. The eminent success of this house, since Mr. Friend, Sr., died, is quite a marvel, and can only be attributed to the possession of a very superior order of administrative mercantile ability on the part of Mr. R. K. Friend, the present head of the concern. He has, however, long been regarded as one of the most enterprising merchants in the city. Undertaking a specialty.

JOHN A. LASH.

Wholesale and Retail Dealer in Watches, Clocks, Jewelry, Silver Ware, &c., and manufacturer of the celebrated "Silver Klenzer" for cleaning silver ware, which has the reputation of being the best article in the market for the purpose. This establishment is at the well known corner of Main and 11th streets, one of the most prominent business stands in the city. Mr. Lash commenced business on a much smaller scale in 1866, one door south of the Grant House; but with the march of events he found his business might be increased by getting a more eligible stand, and took his present room last spring, and had it handsomely fitted up for the purpose, almost redoubling his former stock. He now has one of the leading businesses in the city. He pays particular attention to the Spectacle trade. You can get the very best article of this kind in either gold silver or steel frames from Mr. Lash, and what is not always the case elsewhere, you will be sure to get the precise article that your eyes require, as he is one of the most accomplished opticians in the city. He attends to all kinds of repairs in Watches, Clocks and Jewelry. He is well known in Wheeling, having spent the greater part of his life in the city, and indeed learned his trade under the most skillful of watchmakers. His store will compare favorably with any store in the city. It is filled with the most attractive kinds of Gold and Silver Ware and other desirable articles. In fact all goods that are found in first class Jewelry establishments. Such a man as Mr. Lash deserves to do well, being a skillful and careful workman, and uniformly polite and agreeable to customers. All who call upon him may depend on fair dealing, as he recognizes the fact that pleasing his customers is the best advertisement, and low prices the surest way to success.

HOLLINGER & PERKINS.

New McClure House, O. K. Shaving Saloon.

Excellence in any pursuit in life is always worthy of commendation, and especially so when combined with rare energetic ability and energy. The capacity to establish and conduct any class of business, doing the trade and enjoying the wide spread popularity of this Consonial Emporium is rare. And when it has achieved a position, recognized as that of this establishment, we consider it worthy of especial notice in this book. Mr. Hollinger commenced business at his present location in 1868, and from that date to the present, he has devoted himself to his calling, with a laudable determination to so conduct his Saloon, as to be always in the lead. In June, 1879, Mr. T. M. Perkins became a partner, he is a valuable acquisition, having had an experience of fourteen years at the principal watering places and summer resorts in the Country. Their rooms are conveniently located, commodious and well ventilated, furnished in elegant style, with all modern appointments and appliances, and go when you will to secure the benefit of their skill and services, you will always find them marvels of neatness and cleanliness. This Saloon is connected by a spacious entrance with the McClure House Office for the better accommodation of guests of the Hotel. The corps of assistants are all first class artists, than whom, no better can be found in the Country. Their Bathing apartments are tastefully furnished and fitted up with all requisite appliances, an inspection of them alone guaranteeing a comfortable, clean and invigorating bath. Geo. Hollinger can point with pride to that unerring test "Success," the fruits of his labors in the past, and a sure warranty of his efforts in the future. To all in want of the services of an accomplished Barber, either for Shaving or Hair Cutting, we can with confidence recommend Messrs. Hollinger & Perkins, and their courteous and capable assistants.

W. S. DILWORTH.

Cor. of 4th and Hanover Streets, Martin's Ferry, Ohio.

Dealer in Dry Goods, Fancy Goods, Notions, Wall Paper, &c. This extensive establishment is one of the largest business houses in Eastern Ohio. It is one of the most fashionable places of resort for buyers. The building is a large and elegant building of modern design, and is packed from top to bottom with a rich and varied assortment of Dry Goods, &c., in which may be found everything usually kept in stores of the kind. Mr. Dilworth has just received a fine invoice of Wall Paper, which will be sold as low as the same can be sold in either Martin's Ferry or Wheeling. Judging from appearances, we should judge this store to be doing a flourishing business—as the proprietor appears to be a merchant of energy, enterprise and intelligence. He is proverbially polite and attentive to customers, and is always happy to wait on persons who may visit the store, whether they purchase or not. In addition to what may be called the regular business, the Merchant Tailor's trade is also carried on in the establishment. Everything is systematized under the able management of Mr. Dilworth, and works with the regularity of a time piece. His store is noted for its low prices.

J. KERR & CO..

Star Planing Mills and Lumber Yard, Cor. 1st and Hanover Streets, Martin's Ferry, Ohio.

This popular and enterprising concern is one of the very best in the State. The "Star Planing Mills" are provided with all of the modern appliances, which human invention has thus far discovered towards aiding the rapid turning out of work by machinery, instead of those slower methods by manual labor, which formerly was the only means of turning out work. Notwithstanding this great change, this very machinery works with such comprehensiveness and variety, that more work is furnished by its operations for carpenters throughout the country, than the same class of persons had before the introduction of Planing Mills. This may seem strange, but it is nevertheless a fact. A full supply of all kinds of lumber and builders' material always kept in stock, and at bottom figures. Low prices however are a notable feature of this extensive concern. No need of going to Wheeling for anything in this line, as this establishment will compare favorably with anything in the city of Wheeling in the same line. The individual members of the firm are Jas. Kerr and Alex. G. Campbell. The senior member is the Mayor of the city at present, and has served in the same capacity previous to the present term.

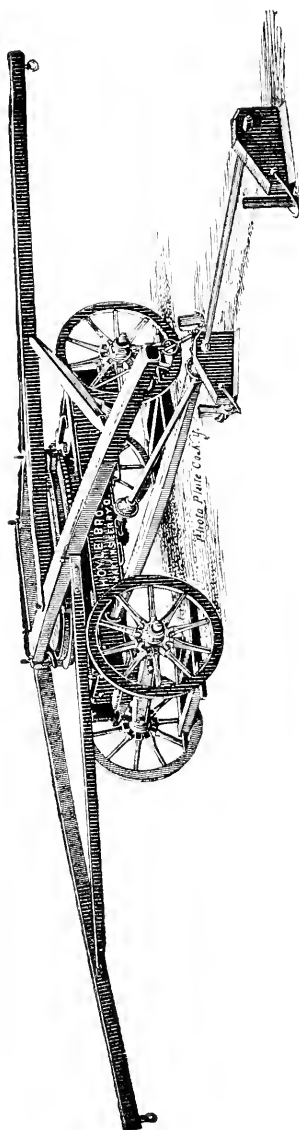
WILSON BROS..

Parlor Boot and Shoe Store, 1209 Market Street, opposite McLure House, Wheeling W. Va.

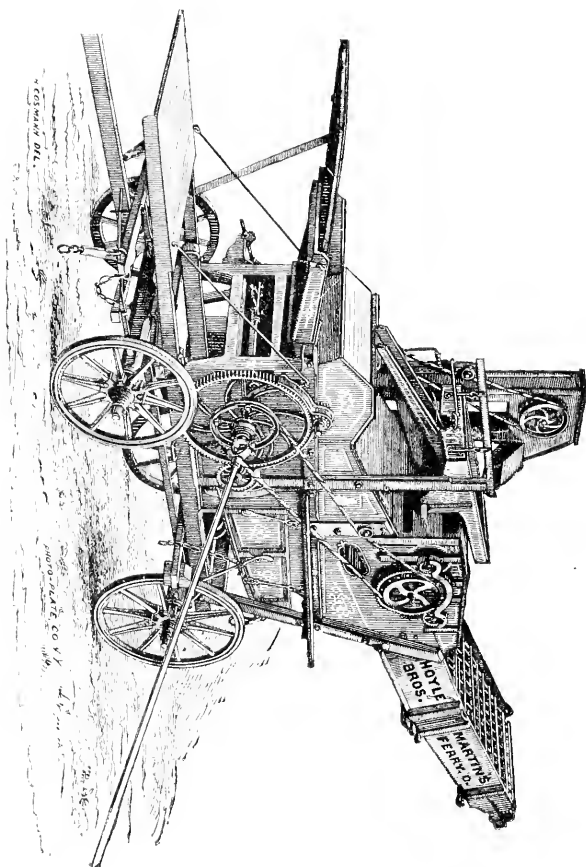
The great importance of a first-class Boot and Shoe House in Wheeling, has been a frequent subject of comment, and not until the firm of Wilson Bros. commenced operations could it be said that such a house existed. The firm is composed of N. B. and S. C. Wilson, young men who have had a number of years experience in the business and especially note worthy for enterprise, energy and square dealing, characteristics which have secured for them an enviable position in the community for honor and able conduction of their business. They keep a general stock of all the very best goods manufactured in their line, and are prepared to warrant every pair of shoes or boots they sell. They also have the sole agency for Edwin C. Bart's celebrated make of fine shoes, which have a world-wide reputation for elegant finish and durability. They also handle Ziegler Bro.'s work, which is second to none in the country. In their stock will be found a choice and complete assortment of various styles of Boots, Shoes and Slippers for ladies, gentlemen and children, from the fine and costly to the plain and cheaper grades. They are in constant receipt of all the latest novelties in their line, and guarantee satisfaction and fit to their patrons. All goods sold by them are of superior workmanship and material, and their prices beyond competition. This firm is the only one in the city that gives special attention to orders by mail. Persons living outside the city can have their orders filled promptly by giving number of shoe, and width of last.

E. J. HOYLE & BRO.,

Manufacturers of the Ralston and Hoyle's Threshing and Cleaning Machines, and all sizes of Mounted and Down Horse Powers, Fanning Mills, Straw and Stalk Cutters, and other Agricultural Machinery, Martin's Ferry, Belmont County, Ohio.



The proprietors would ask the attention of those in want of Horse Power for Threshing purposes, to examine their new Patent Mounted Power. They assure us that it is especially adapted to the wants of Threshers, on account of strength, durability, and lightness of draft: it is not liable to breakage, as it has stood the test of four threshing seasons, and given the most complete satisfaction to all of those who have used it, as have also all the other articles which they manufacture, and when brought into competition with those manufactured by others, have invariably been pronounced superior to all. The foregoing manufactory was established in 1873, by the present firm, on but a small capital, which is constantly increasing. The concern occupies an area of ground comprising three town lots. It is composed of three departments, in which twelve hands are employed, to whom is paid out \$120.00 per week as wages. The trade of this firm extends throughout the entire West. The senior member of this firm is a gentleman of some prominence, apart from business—as he has been a member of the City Council of Martin's Ferry, and is now a member of the School Board, of which he is the Treasurer. The proprietors assure us that their establishment will compare favorably with any other in this part of the country, either for excellence of workmanship, variety, or amount of goods sold.



DR. HALLEY McCOY.

Practical Gynecologist, Cor. Chapline and 22d Streets.

A retrospective survey of the lives and life-long labors of some men, teaches us what may be accomplished, and to what eminence one may attain and enjoy whilst still young the living, by devotion to any one branch of art or science. Dr. McCoy is a good instance of this. Signalling out one particular branch of his profession, he has acquired long life to his study and has made himself perfectly familiar with it. Dr. McCoy's school at McCoy's manor, near Hagerstown, Maryland, in 1816. He was educated and graduated in 1834, at Franklin College, Ohio. He studied medicine with Dr. Leslie in Smithfield, Ohio, and attended lectures at Jefferson Medical College, Ohio, and Clinical lectures at Pennsylvania Hospital. The Doctor commenced the practice of his profession in 1854, in this city and has resided here ever since, though this by no means however reckons the length of time he has practiced. Dr. McCoy has been a practicing physician for 42 years. The Doctor has devoted himself to the Gynecological branch of his profession, or that branch especially treating on the diseases peculiar to women. His reputation is by no means confined to this city, but extends into our neighboring States. His diagnosis of a case involving critical judgment is rarely if ever faulty, and his residence in the city may be considered a piece of good fortune. As an Obstetrician he has few if any equals and many a life has been saved by his skill and ripe judgment. The Doctor of course has a large practice the fruits of a long and meritorious life.

THE STAR FOUNDRY.

This well known establishment was founded by an enterprising company so far back as 1848, and for twenty long years, succeeded in bringing its interests to a very high grade of success and general popularity, so that now we can point without hesitancy to the Star Foundry, as being in fact as well as in name, a brightly illustrated and representative house; unsurpassed, it indeed equalled, in its specialties, throughout the entire region of West Virginia.

Mr. Fisher has attained an enviable reputation as manufacturer of the celebrated Gladiator and Valley Star Cook Stoves, whose peculiar merits are too well known to need description or minute detail in our work. In all the qualities constituting true excellence, and which command them to public favor, convenience of arrangement applied to the minute particular, durability, economy in consumption of fuel, elegance of appearance, and, if not least, in the matter of price, the Gladiator and Valley Star Cook Stoves can well be pronounced the cheapest in the market. While their general appearance is to be admired, per excellence, the specialties of Cook Stove manufacture of the Gladiator and we are happy to add that, in accommodation of the varied tastes and necessities of the patrons and the public at large, Mr. Benj. Fisher manufactures and keeps on hand a large variety of other Cook and Heating Stoves, especially the Apollo, Herald and Justice, entirely new in design and perfect in operation, which have also acquired a widespread popularity wherever they have been introduced.

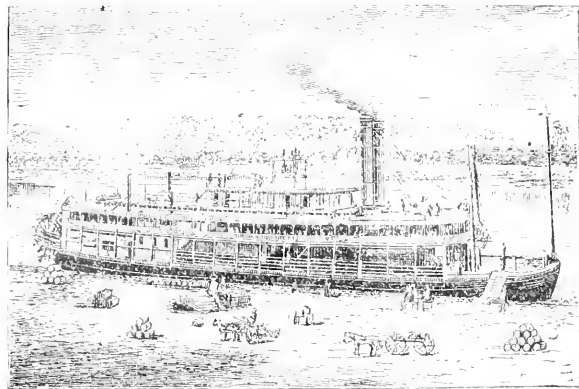
The Star Foundry occupies an immense tract of ground, and comprises a large, two-story building, 140 feet by 100 feet, and a smaller one of 265 by 100 feet. It is located at Nos. 10 and 12, Chapline street, Wheeling, W. Va. The facilities, in connection with the premises, for the manufacture of the best and most favorable kind of iron and steel work, are of the most modern, usually numbering 40, contribute to the production of the finished work. The foundry itself was erected, and for a time used by the B. & O. R. R. Co. for the purpose of manufacturing iron and steel. The personal supervision of the proprietor, gives every needed assurance that all work executed here is unexceptionably perfect in its kind. Wheeling, West Virginia, may well be proud of the long continued prosperity of so ably conducted an industry.

1866.

1879.

WHEELING, PITTSBURGH AND CINCINNATI PACKET "ANDES."CHAS. MUELLEMAN, *Master.*ED. MUELLEMAN, *Clark.*

Leaves Wheeling for Cincinnati every Tuesday at 3 p. m. Leaves Cincinnati for Wheeling and Pittsburgh every Friday at 5 p. m. This packet line was established



by Capt. Chas. Muhleman in February, 1866, by the introduction of the handsome side-wheel steamer, Phil. Sheridan, which boat was built at Cincinnati, Ohio, during the winter of 1865 and 1866, but shortly after entering the Wheeling and Cincinnati trade was sold to Capt. Davidson of St. Louis. Capt. Muhleman then purchased the steamer Potomac and put her in the trade in place of the "Sheridan," which boat

was afterwards succeeded by the Major Anderson and by the Andes No. 1, and now by the New Andes, which boat has no superior on the River in point of speed and accommodations, having a capacity for one hundred and twenty-five cabin passengers, who will be furnished with elegantly fitted up state rooms. This boat is also noted for the sumptuousness of the table, everything the market affords is provided with lavish hands. The cabin is tastefully furnished and decorated, the comfort and convenience of passengers amply provided for. The Ladies' Cabin is furnished with an elegant Piano and Parlor Furniture. In the rear of the cabin the nursery is situated, provided with all necessary conveniences. The Andes is deservedly a popular boat. Her officers obliging and attentive. The business of this boat has increased wonderfully during the last few years, her carrying capacity being often scarcely adequate for the freight offered. Passengers and shippers can find no better craft afloat for speedy and secure transmission of freight, or more comfortable accommodations.

J. H. CONNALLY & SON.

Office and Wareroom in Seventh Av. Hotel 272 Liberty Street Pittsburgh Pa.

These gentlemen are general agents for the Consolidated Fire Extinguisher Company, and proprietors of the Connally, Babcock, Champion, Peerless and Great American Fire Extinguishers and Chemical Engines. They are represented in this city by C. F. A. Yahrling, and are, therefore, entitled to mention in this book.

The Connally Warehouse Extinguisher is especially adapted for the use of farmers. It is mounted on large wheels, and can be handled with ease by one man. It has power to extinguish an ordinary farmhouse or barn when half enveloped in flames, and the farmer provided with one would have almost absolute protection from loss by fire.

The Champion Engine, for towns and villages, is the most simple and complete ever offered, more than two hundred of them being now in use throughout the United States. No town should be without a chemical engine, whether well supplied with water or not, as it will extinguish a fire, in nine cases out of ten, before a steamer gets to work, and save great loss by water damage.

The above engines are all admirably gotten up and complete in the smallest detail. The Messrs. Connally are gentlemen of the utmost reliability, and customers can safely place confidence in what they say. Mr. Yahrling the agent in this city will attend promptly to all orders by mail.

ARBENZ & CO.,

Dealers in Furniture and Carpets, No. 1109 Main Street.

A Branch of the same house is at No. 3305 Jacob street, Eighth Ward. The capital invested in this business is \$13,000.00, on the basis of which a trade is done of from \$28,000.00 to \$30,000.00. The house in which the firm conducts their business is an unusually large one, being four stories high, with a basement, exclusive of the main rooms. The store is 21 feet front by 90 feet deep. The basement serves the purpose of an additional story, and can be used for the purpose of stowing plain and common goods when required. The proprietors employ six hands. The senior partner twenty-six years ago was doing business on quite a small scale, but the present establishment does quite an extensive one, and one which will favorably compare with that of any house in Wheeling. The stock of Furniture, Carpets and Mattresses is unusually large. Undertaking is made a specialty with this firm. Arbenz & Co., and their assistants are proverbially polite and attentive to the demands of the trade, and will quote you such prices as will not fail to secure your patronage.

OHIO CITY PLANING MILL.

Medill & Exleys.

This well managed institution is located in Martin's Ferry, Ohio, and being comparatively young in years, may be presumed to be quite up to the times in the way of improved machinery. The proprietors are practical workmen and may be presumed to be well qualified to run an establishment of this kind. All kinds of work are turned out of this establishment with a rapidity as notable—as the work that is produced, is, for its excellence. Every kind of lumber and builders materials kept in stock. Messrs. Medill & Exleys gives you the very lowest quotations on all work done by them or on any kind of goods kept for sale. The individual members of the firm are Benj. Exley, Sr., J. Medill and Benj. Exley, Jr.

HOEHLE & BRO..

Dealers in Furniture, No. 1053 Main Street.

This firm is well worthy of the patronage of the public. Perfectly familiar with every branch of their business in detail, customers can rely on obtaining first-class work from them. The firm consists of Messrs. George and William Hoehle, both natives of Wheeling. They worked for three years with that well known upholsterer, Joseph Klapheck, and are proficient in the trade. They do all of their own work, and guarantee every article purchased from them to be equal to any in the country. They began business for themselves in 1876, and have established a flourishing trade in the city and surrounding country. They pay special attention to repairing, and can be relied on for giving prompt attention to any article entrusted to them, and for giving perfect satisfaction at cheap rates. These gentlemen are notable for low prices on all kinds of goods, and for all work done by them in the way of repairing. They assure the public that they are not only the cheapest dealers in Wheeling, but they charge the lowest prices of any house in the State.

DURST & KOBER.

Wholesale Grocers, Produce and Commission Merchants, No. 1125 Market Street.

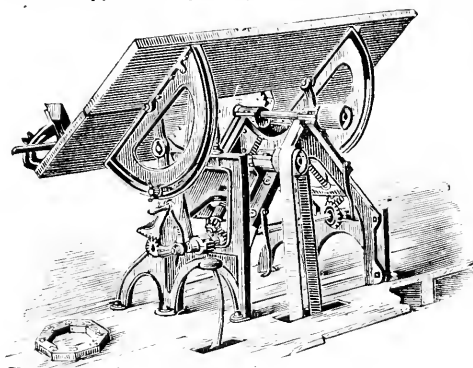
Among the commercial enterprises of Wheeling there is probably no one branch of more importance to the general public than the produce and commission business. Messrs. Alex. Durst and Theodore Kober compose the firm, both natives of Wheeling, and both young men of industry, and well directed energy. Well and favorably known to this community. Mr. Durst has been seven years in this business and he has made the wants and requirements of his patrons a subject of study. There are few men in this city so well posted in the produce and commission business of this section as Mr. Durst, he having served a long and faithful apprenticeship in it. Mr. Kober is a gentleman of acknowledged business capacity, he having had several years valuable experience in connection with some of our prominent business establishments. They pay particular attention to the commission branch of their trade, and have the

best facilities for storage and prompt handling of all goods. All orders entrusted to them receive their personal attention, and they guarantee perfect satisfaction and prompt settlements. They deal in all kinds of produce and ship by the car load to all parts of the country. They handle Flour, Eggs, Butter, Apples, Potatoes, Fresh Vegetables and Fruits of all kinds, Canned Goods, Family Groceries, and supply a large portion of the retail trade of this vicinity with their stock. This is a thorough going house and deserves the patronage of the farmers of this section, as well as that of the general public.

NATIONAL PLANING MILL.

R. J. Baggs & Sons, Bridgeport, Belmont County, Ohio.

The firm of R. J. Baggs & Sons, the pioneer planing mill men of Belmont county, now occupy the shop and yards near the railroad depot. The shop proper is 30x100



BAGGS' BEVEL-SAW AND GROOVING-FRAME.

feet, two stories high and a storage room on the west side that is 20x48 feet and three stories high, which furnishes room to store 100,000 feet of planed lumber.

On the first floor is a large iron frame double cylinder planing machine, a heavy iron frame flooring machine, an upright re-sawing mill, a circular re-sawing mill and a circular saw. On the second floor we find a variety of machinery for the manufacture of door, frames, sash, mouldings, brackets, mantels, palings, shutters, &c. First we find a scroll saw for cutting out of all imaginable shapes of irregular work. Next, we come to a machine for topping the styles of

venetian shutters, a very ingenious piece of machinery by which the styles are mortised and the mortises are cleaned out by the action of the machine which also does its own feeding and spacing. Next in order is the Ellis Blind slat tenoner, a machine that cuts the tenons on both ends of the slat at the same time. Next we are shown the machine used for putting the staples into the slats and rods of pivot shutters, which is a machine that needs to be seen in operation to be appreciated.

The machine in use for cross-graining and a great variety of other work is the invention of J. T. Baggs, the manager of the mechanical department, the heavy moulding machine is one of Smith's patent iron frame machines that works three sides of the moulding at the same operation. In addition to the above, there are on this floor two circular cut-off saws, two circular rip saws, one sash, door and moulding machine, one stand of emery wheels, irregular moulding machine and one of J. T. Baggs' patent universal sawing machines. This machine does a great variety of work that cannot readily or easily be accomplished by the use of other machinery it combines first as rip, and cut-off saw and a wobble saw with an adjustable table, so that the work can be done square or at any desired angle; it is used for all kinds of rebating, chamfering, fluting, planing window frames, gaining out pew ends, mitring, cutting dove tails, flows for extension-table slides, and a great variety of other work. Situated near the depot of the Cleveland and Pittsburgh Railroad, and the prospective Tuscarawas Valley Railroad, and near to the bank of the Ohio river, the proprietors of these mills enjoy facilities for the shipment of orders and for reception of raw materials, possessed by no establishment of the kind in this region of country. The proprietors assure us that neither the planing mills on the Ohio side of the river nor the West Virginia side, can quote lower, if as low figures, on work or lumber of any kind than they can. This assertion they say they can confirm to any person or persons who may favor them with their orders. All orders promptly attended to on the reception of the same, and satisfaction guaranteed.

G. MENDEL & CO.,

Carpets, Furniture of all Kinds and General Undertakers. 1124 Main Street

This old and substantial house, one of the pioneer enterprises of Wheeling, was started in 1835, by George Mendel, whose name is recognized in the commercial history of Wheeling as a synonym for honorable dealing, and well directed energy and high toned unswerving integrity. Beginning business with a moderate capital as a nucleus to build upon, Mr. Mendel before his decease, which occurred in 1875, by his active and thorough management, his rare business ability and perfect knowledge of his trade and its requirements, stood at the head of the business he had founded forty years previously, and his establishment had arisen to almost its present magnificent proportions. He had the satisfaction while still among the living of realizing, that he had established and successfully carried forward a business that to-day stands as a monument to his memory. The business, while suffering a loss in the death of its founder, had in the son, Mr. G. Ed. Mendel, the present manager, a gentleman who has in a great degree inherited much of his father's business tact, and being young and enterprising, has not let the business transmitted to his management languish in any way, but further magnified and carried it forward to meet the wants of this age of progress and improvement. The warerooms of this house are in three buildings, each three stories high, which have in the aggregate a frontage of 68 feet, and a depth of 133 feet. There are four departments, one for Carpets, one for Furniture, one for Upholstering, and at the factory which is on Eoff street, their elegantly fitted up Undertaking department. This room for the branch of this trade, which has been recently fitted up, is especially designed and adapted for the display of their large and varied stock of caskets and burial cases of all grades and descriptions. Mr. B. Zook is in charge of this department, who has had an experience of 20 years in this department. The carpet rooms are spacious and well lighted, filled with an immense stock of Brussels, Velvet, Tapestry and other styles of Carpet. Access to this department, which is on the second floor, is by means of a neatly furnished hydraulic passenger elevator. The lower floor which is partially devoted to the reception of their customers is stocked with an elegant line of Bed Room, Library and Dining Room Furniture. The Upholstering department is on the third floor, where also the packing is done. Messrs. Mendel & Co. make a large part of the furniture they sell, especially the finer and better class of work, this is in itself a guarantee of the excellence, finish and durability of their goods. Mr. C. Ormold is superintendent of the factory, he is an expert, and quite a veteran in the business. Messrs. Mendel & Co. have a capital of \$75,000.00 in their business, upon which they do a business approximating \$175,000.00 per year. They employ in the aggregate thirty-five hands. Mr. L. D. Williams their book-keeper is an accomplished accountant. The trade of this house is throughout West Virginia, Eastern Ohio, Pennsylvania and Maryland, besides controlling a large portion of the local trade. A visit to this establishment will well repay parties in quest of furniture and carpets of any style and grade, and fully substantiate what we have written. The public are cordially invited by Mr. Mendel to call and inspect their stock. Visitors whether calling with a view of purchasing or not, will be courteously welcomed.

DENTISTRY. INVENTION, &c.

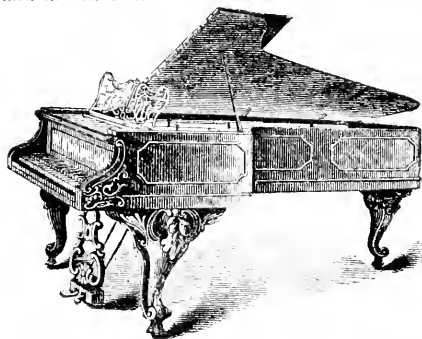
We boast very justly indeed of what we have done in the way of discoveries during the last half century. The Railway, Engine and Car, is quite a notable instance of our invention. Then came the Steamship, then the Telegraph wire, and more recently and quite lately, the achievement of Edison in the Telephone, and his promised electric light. These are all very well, and of much moment to the human race, but men appear in these great discoveries to forget many silent advances that more unpretending arts have made. Enlightened Dentistry for instance, what a boon it is to a person who has a violent toothache. Thoughts of the Railways, invention of Railways, Steamships, Telegraphs, Telephones and the like, afford no relief to a person who has an aching tooth. The modern dentist takes precedence here and shows the rapid advancement that his art has attained, and with his present skillful appliances, compared with what he had in years gone by, makes it rather a pleasure than otherwise to have a tooth plugged or extracted, especially when done by a master hand. When it comes to making a comparison as to physical advantages that have been made in dif-

ferent inventions, we must award much credit to the discoveries that have been made in dentistry, because they touch the feelings so to speak in a more acute manner than the more pretensions inventions of the Railway, Steamship, Telegraph or Telephone can do, with all their admitted usefulness. In relation to Dentistry it may be said that few dentists in the country occupy a position so prominent as that of Dr. Wingerter of Wheeling. He has been in the business and has been known as an expert for the last sixteen years. He is a gentleman of quite unobtrusive manners (which ever attends on skill) and attends in person to the constant demand on his services for furnishing new sets of teeth, parts of the same, and plugging or extracting natural ones. His employes are as careful as he is himself of such work as is entrusted to their care. There of course could only be one result to such complete and systematic supervision on the part of Dr. Wingerter, and that is, a prosperous and lucrative trade.

C. Y. LUCAS.

Wholesale and Retail Dealer in Pianos, Organs, Violins, Brass and other Musical Instruments, Sheet Music, &c.

This establishment, by continuous succession, claims to be the representative of the old and favorable known music store of James Mellor, a store which was opened in Wheeling nearly a half a century back in the past.



At the decease of Mr. Mellor, he was succeeded by his son, Jesse Mellor, Senior, who also died a short time after his accession to the business. This gentleman was succeeded by his brother, Jesse B. Mellor, who after a few years was succeeded by Wm. H. Shreib. Sometime after that the firm became Hamilton & Harding, subsequently V. Harding, and later Adams & Lucas. The senior member of this firm, a short time since, sold out his entire interest to his partner, C. Y. Lucas, under which name the business is now carried on.

This establishment has undergone many

changes, as to the various firms that have had charge of it from time to time, but the most notable change of all is in the energetic manner in which the business is now prosecuted. Never in the past has the trade of this house at all approximated in volume to the present varied and extensive trade of C. Y. Lucas. The proprietor keeps a full assortment of the leading Pianos, Organs and other musical instruments known to the trade. Among pianos, the very justly celebrated ones of Steinway, Chickering, Knabe, J. & C. Fischer and Emerson may be mentioned. In organs, the Palace Organ, is believed to be the best in the United States. These, however, are merely the more prominent ones as to excellence, in a stock notably large, and comprising instruments of other manufactures of celebrity. The stock of this establishment appeared to us on a recent visit to the store to be very full, having about 18 pianos and 15 organs, and on remarking the same to the proprietor, he assured us that though he had what might appear to a casual observer to be quite a large stock, the stock at present was by no means of the magnitude that he makes it a point to carry the year through, his stock being about 25 pianos and 30 or 40 organs, but owing to the present boom in business his sales have been larger than usual, and have somewhat depleted his stock, which however will shortly be restored to its usual magnitude. The proprietor facetiously remarked that sometimes dealers professed to have a direct interest in the manufacture of pianos, organs, &c., this he assured us was the same interest that he had himself, *i. e.*, the profit merely that accrues to the dealer on sales of the same. The store room of Mr. Lucas is one of the most elegant and capacious in the city, and is one of the favorite resorts of the cultured in music, and is widely known and patronized, both at home and abroad. Every piano irrespective of makers, that is sold by Mr. Lucas, is guaranteed by the manufacturer for five years. In addition to this, the proprietor gives his own guarantee for the same length of time, thus affording the purchaser a double security in purchasing. Notwithstanding the above guarantees, pianos and organs are sold as low, and sometimes lower than they are sold by other dealers who do not guarantee

them. We were shown seven and one-third octave rosewood pianos with carved legs &c., in fact quite as good as any one would wish to have, at the very low price of from \$200.00 to \$250.00, and elegant organs with from seven to ten stops, carved walnut cases, at prices ranging from \$65 to \$75.00. Mr. Lucas is a gentleman of much energy and enterprise, and judging from appearances we presume him to be enjoying a large and lucrative trade. A full corps of gentlemanly assistants are employed at this progressive establishment. The most prominent among these are Mr. Chas. Kilmeyer and Mr. F. W. Baumer, both excellent pianists. Special attention given to tuning and repairing pianos and organs.

JACOB W. GRUBB,

(Successor to Hennegan, Bates & Co.) Wholesale and Retail Jeweler, Washington Hall, Corner Market and 12th Streets, Wheeling, W. Va.

This old Jewelry house of nearly half a century, was established by Jas. T. Scott, succeeded by Jas. T. Scott & Co., Scott & Hennegan, W. H. Hennegan & Co., Hennegan, Bates & Co., and Jacob W. Grubb, the present owner.



The old house was largely known to manufacturers and importers, and they have been of late years recognized as jobbers, and have been getting the very lowest discounts accorded to the largest wholesale dealers. This concession has been gained by years of constantly increasing business, connected with the rule of always buying for cash.

As the successor to H. B. & Co., and the purchaser of all the advantages and the facilities enjoyed by them during a service of ten years, Mr. Grubb can well point with pride to the establishment complete in all its departments of Watches, Clocks, Jewelry, Silver and Silver Plated Ware, Bronzes, and indeed everything that goes to make up a first-class store. We can particularly recommend anything selected from his stock, knowing from the past that only first-class goods are sold. We would do the readers an injustice were we

to close this article without calling their attention to the display of Watches, in Gold, Silver, Nickel and Celluloid Cases. This branch of the business is immense. Mr. Grubb has charge of the standard city time, and has in his store direct telegraph communication with the Observatory at Washington, D. C., giving correct time by telegraph twice a day.

When visiting in the city do not fail to call and see him at Washington Hall, corner Market and 12th streets.

C. H. BOOTH & SON.

Produce and Commission Merchants Steamboat Agents Proprietors of the Old Reliable Wharf Boat.

It is our duty in recording the various industries of the community, to mention those firms or men, in any particular branch of trade, who have achieved prominent position through the force of natural ability: unaided by any influences except those evoked by their own capacity. Such a firm is that of C. H. Booth & Son, the senior partner being a striking example of what may justly be called a self-made man. This

firm was originally composed of four members: C. H. Booth, J. C. Jelly, W. G. Battelle and John Mulrine. For years they conducted their business systematically and prosperously at the location of the present firm, but the death of three of the members caused changes in the style of the firm: Mr. Battelle died in 1868; Mr. Jelly in 1864. Subsequent to this time, the firm was composed of Messrs. Booth & Mulrine; Mr. Mulrine dying in 1875, the firm became C. H. Booth & Son, Frank B. Booth being admitted. Through all the changes incident to the decease of members, the firm has maintained its reputation for business tact, liberality in business transactions and commercial integrity. Steadily increasing their business by their comprehensive knowledge of its responsibilities and requirements and their straightforward manner of doing business, they have won the confidence of all with whom they have had dealings. Their transactions embrace a general Produce and Commission business, receiving and disposing of consignments of produce and Dairy products, as well as being buyers and sellers. They handle Butter, Eggs, Cheese, Flour, Grain, Fruit and all kinds of Country Produce. They have ample facilities and a full force of efficient assistants to transact promptly, accurately and intelligently and upon sound principles, all business entrusted to them. They sell without delay all consignments and make prompt returns therefor: which is the correct method of doing business. They make liberal advances upon goods when desired. Any one having business in this line can feel assured that it could not be entrusted to safer or more experienced hands. This is also the Pioneer Steamboat Agency of Wheeling. Being interested in steamboats for years, both as owners and officers, they are well posted in the business. They have in connection with their house an admirably constructed, well arranged and spacious Wharfbort for the convenience of shippers—the "OLD RELIABLE WHARFBORT," John Crockard, Manager. There is no firm in Wheeling that has the experience, gained by years' of application to the business, possessed by this concern. There has scarcely been any river enterprise of importance that the senior member has not been identified with. No house in the city occupies a higher position commercially, which, considering the liberal and enterprising spirit that characterizes its operations, is as natural as justly deserved.

OHIO VALLEY PROTECTIVE UNION.

Home Office, No. —Market Street.

BOARD OF MANAGERS AND OFFICERS.

President—HON. ROBT. WHITE, Wheeling, W. Va.

Vice President—GEN. I. H. DUVAL, Wellsburg, W. Va.

Secretary—HON. R. H. COCHRAN, Wheeling, W. Va.

Treasurer—WM. C. HANDLAN, Wheeling, W. Va.

General Agent—WARREN HOLLISTER, Bridgeport, O.

Medical Examiner—THOS. B. CAMPBELL, M. D., Wheeling, W. Va.

GEO. R. TINGLE,)
JAS. R. MCCOURTNEY,) Wheeling.

CHAS. G. DILLON,)
JAS. BUCKINGHAM,) Zanesville, O.

The above is not nominally an insurance company, but it has all of the virtues of a good one and none of the vices of a bad one. The management make it a custom to send catalogues explanatory of the details of the method to be pursued by those who would avail themselves of its benefits, and wherever a party may not have been favored with one of the companies' circulars, the same will be cheerfully sent by mail on application. This system of insurance for it really is one—is far superior to the old hackneyed system which goes by that name—not that there are not many regular insurance institutions which are legitimate in their character and manner of dealing, but that there are *too* many that are not, too many that are, what might be called asylums for idle and pompous clerks who draw liberal salaries for doing little or nothing. The "OHIO VALLEY PROTECTIVE UNION," however, is an organization which is untrammelled by any of the injurious machinery which defeats the object of an equitable insurance company. We would conclude this article by saying that the insured in this company in case of death do not leave as a legacy, a quarrel to be fought by the survivors, with an insurance company—as is too often the case—as all liabilities on the part of this organization in case of death are promptly and satisfactorily adjusted.

MOUNT DE CHANTAL—WHEELING FEMALE ACADEMY.

In Charge of the Sisters of the Visitation, B. V. M., Near Wheeling.

This institution was founded in the year 1848, by the Rt. Rev. R. V. Whelan, Bishop of Wheeling, and shortly afterwards incorporated under the title of "Wheeling Female Academy," and was located in the city on the corner of Eoff and 14th streets. The success which attended the efforts of the ladies in charge, rendered it necessary to secure more commodious quarters. With this object in view, the community purchased the elegant and attractive site, about three miles from the city, immediately on the line of the W. P. & B. railroad, which they now occupy, removing thereto from the city in 1865. The situation is remarkably well adapted by its elevation and salubrious air, as well as by its comparative retirement, for the purposes of a school of this description, and for beauty and healthfulness can not be surpassed. The extensive and admirably constructed buildings crown an eminence from which is had a view of the charming valley below. The horizon is formed by an amphitheatre of green, woody hills, that enhances the beauty of the scenery. Attached to the Academy is a tract of land comprising 100 acres. Near the buildings are the play-grounds, thickly planted with choice evergreens and ornamental shade trees. Statues, judiciously placed, blend art's beauties with nature's loveliness. The rest of the land is occupied with rich and well stocked pastures, fields of grain, vegetable gardens and orchards: enabling the Sisters to supply the table with an abundance of fruits and vegetables in season, and a plentiful supply of dairy products. The plan adopted by the Sisters for the instruction of their pupils has for its special object the development of the faculty of imparting knowledge by stimulating thought and not allowing the understanding to be impaired by reliance on memory. Little stress is laid by the Sisters upon recitation: questions are proposed that are calculated to cause reflection and show the extent of information: these questions are persisted in until the answers prove satisfactory. A thorough understanding of the subject matter of study is required of every pupil. In the classes of Literature, critical essays are required to be written upon the authors whose works are perused, and magazines and periodicals which are read, during the year. French and German are taught with great care, especially with regard to correctness of pronunciation and purity of accent: for this purpose, pupils who are sufficiently advanced, are required to converse in these languages during a part of the recreation and at the table. Great attention is bestowed on English spelling, reading and composition: the Sisters deeming the correct speaking, reading and writing of ones native language of paramount importance. The Musical Department is ably conducted, long experience having brought the system of teaching to great perfection. In vocal culture, the Sisters are particularly favored—the Sister in charge of this branch having a voice of remarkable compass, beauty and culture. Soirees Musicales are held in the Music Hall twice a month, at which the pupils are required to execute both vocal and instrumental music, without the aid of the notes. The government of the institution is eminently maternal. Every effort is made to compensate children for separation from home and friends, and to subject them only to such discipline as is essential to good order and the cultivation of the habit of self control. Neatness and simplicity in dress are considered indispensable. Great attention is paid to the exterior deportment and polite manners of the young ladies, in order to fit them for entering any society in their own or foreign countries. Two examinations take place during the year—the former in January, the latter in June. After the first examination, a report is sent to the parents or guardians of each young lady, giving an account of her proficiency in study, observance of rules, etc.: and at the close of the second session, a public distribution of premiums takes place. To the most deserving in the various classes the following premiums are awarded: In the first a crown and gold medal: in the second a crown and silver medal: and badges, wreaths, and sprays of flowers in the other classes. Great attention is paid to the health of the pupils, the young ladies being required to exercise freely in the open air. The course of instruction comprises six classes, each carefully arranged to meet the wants of the student, in regular progressive steps from the rudiments to the highest branches of literature and classic lore. The Sisters inculcate genuine piety, which is founded on the love of God, possessing a sunny radiance all its own, permeating all our duties, joys and sorrows, our entire being, our whole lives. The junior pupils are kept apart from the seniors—experience having proven the advisability of keeping them separate. Necessary arrangements have been made which provide the junior pupils with such attention and care as their tender age

requires. We have endeavored to give our readers a brief sketch of one of the most worthy and best regulated institutions for the education of all classes, regardless of religious faith. The terms are very moderate. Prospectuses will be furnished on application. Letters should be addressed,

DIRECTRESS OF THE ACADEMY OF THE VISITATION,

Mount De Chantal,

Near Wheeling, W. Va.

P. KENNEDY.

Dealer in Foreign and Domestic Dry Goods, Notions and Carpet Chain, No 1033 Main Street

This house is the representative of the old house of Jacob Kiger, Esq., who in years gone by was well known by the citizens generally, and by thousands of people abroad who always dealt with him. He was a gentleman of the old school, and a very successful merchant, and a man of much force—as to mercantile ability. Mr. Kennedy was a clerk in Mr. Kiger's store as early as 1849. The establishment was, so to speak, Mr. Kennedy's commercial school. There it was that the foundation was laid for Mr. K.'s business education. There he acquired that methodical and satisfactory manner of transacting business, which all who are acquainted with him know him to possess. In 1858 he became a partner of the firm of J. Kiger & Co. The senior partner died in 1868, and the present incumbent purchased the stock of goods and embarked in the Dry Goods business in his own name. By his attention to business he rapidly gained the favor and patronage of *new* customers, besides retaining the trade of the *old* patrons of the house. We doubt if there is a merchant in Wheeling, who, considering the amount of stock carried, made money faster between 1861 and 1875 than Mr. Kennedy did. Out of the gains of his business he was able to purchase the very elegant three-story building in which he carries on his own business, and the magnificent three-story building in which R. S. HOKKINS has his furniture store, and also a splendid farm situated directly on the National Road, about five miles east of the city. This latter he purchased with a view to the discontinuance of mercantile life. He went on his farm, staid there for something over a year, but soon grew tired of it. It has been said by some writer, "Once a merchant always a merchant." Getting tired of farming, he rented his farm to another party, and reopened the Dry Goods business at the old stand, which had been remodeled by a splendid front of large plate glass windows and doors. He then placed in the room a very large and entirely new stock of fine and staple Foreign and Domestic Dry Goods. Buying for cash at the choicest figures, he is enabled to offer goods at the very lowest prices. Mr. Kennedy is honorable and exact in all his dealings. He is too conscientious to ask *you* one price and your *neighbor* another for the same article of goods. He has but one price—and that price is always reasonable, and as low, if not lower than elsewhere.

BENWOOD IRON WORKS.

Manufacturers of Nails and Pig Iron—Works situated at Benwood, four miles below Wheeling.—Blast Furnace at Martin's Ferry.—Office, No. 11 Fourteenth Street, City.

Archibald W. Campbell, President; L. S. Delaplain, Vice-President; Alonzo Loring, Secretary.

This large and varied establishment is the representative of the old "Virginia Iron Works, formerly situated on the present site of the Baltimore & Ohio Railroad Passenger Depot in Wheeling. The "Virginia Iron Works" was torn down to make room for the depot, and the materials shipped to Benwood at quite an early day, and used in the building up of the old original "Benwood Iron Works," which had quite a prosperous career for over twenty years, when, unfortunately for the company, a very few years since, the entire concern was burnt to the ground. The mill was insured, however, and the Company immediately resolved to rebuild, and build in such a manner as to defy further loss by fire. From the ashes of the old mill, phoenix like, arose the present magnificent iron structure, which is admitted to be one of the most complete, handsome and durable establishments either east or west. It was finished in 1876, and since that, it has had quite a successful career.

One very great advantage possessed by this mill, not always enjoyed by similar

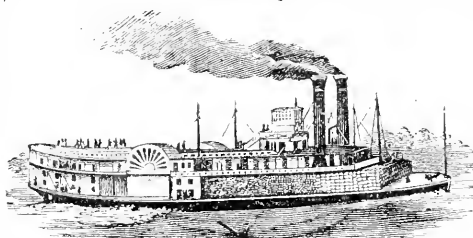
manufactories, lays in the fact that it has its coal almost at its own door, being within a few hundred feet from inexhaustible beds of the very best of coal for daily demands in that line. This Nail and Iron Mill—combined with its Blast Furnace—employs about five hundred hands, to whom is paid, semi-monthly, about \$14,000.00 in wages. The mill proper is propelled by three powerful engines, which are served by eight large boilers. The Blast Furnace is run by one immense engine, supplemented by six boilers. Wheeling nails have become a familiar proverb as to excellence and superiority of workmanship. When it is borne in mind that Wheeling and vicinity furnish about one-fourth of the entire amount of nails manufactured in the United States, it is no wonder that she has, with one accord, been called the Nail City. The products of no iron works in the country enjoy a superior reputation to those of the Benwood Iron and Nail Works, either in quality of material used or general excellence in finish. The Howard Rotary Nail Picker is in use in this mill. This is, perhaps, all that it is necessary for us to say, as their reputation is amply attested by the immense and constant shipments to the northwest, west and south.

WHEELING, CINCINNATI AND PITTSBURGH WEEKLY PACKET, "ST. LAWRENCE."

Wm. M. List, Master.

C. D. List, Clerk.

This magnificent side-wheel passenger steamer was partially built during the latter part of 1878 and finished in April, 1879. Her hull was built at Murrayville, W. Va.,



Her cabin, machinery and equipments are the handiwork of Wheeling mechanics. She is 270 feet long, 11 feet in breadth and 5½ feet depth of hold. She is provided with two 24 inch cylinders, with 6½ feet stroke; her wheels are 24 feet in diameter, with 14 ft. buckets. She is rated at 913 tons capacity. She is a regular packet, leaving promptly on days and time advertised.

Her regular dates are, for leaving Wheeling every Saturday at 3:00 P. M.; returning, leaves Cincinnati every Tuesday at 5:00 P. M. The St. Lawrence is a model steamer, built with a view to speed, and every possible precaution and device adopted for safety. She is probably the handsomest, most finely equipped and fastest boat that comes to this port. No expense was spared in building her: all modern, best approved and tested appliances and machinery were freely supplied in her construction and equipment. Her accommodations for passengers are ample and unexcelled on the western waters. Her table lavishly supplied with all the home markets afford, and choice delicacies from eastern and southern markets. Her cabins are tastefully furnished and arranged, with elegant furniture and decorations. Her staterooms, which are sixty in number, are marvels of comfort and convenience. The ladies' cabin is sumptuously furnished—everything that the most fastidious taste could require is supplied—an elegant Steinway Piano for the amusement of ladies, among other articles. The officers are courteous and obliging, and no pains are spared for ensuring the comfort and convenience of the traveling public. The St. Lawrence has become both an institution and an object of pride to the citizens of the river towns, not only for the skill, business ability and accommodating deportment of her officers, but also for her beauty, speed, precautions for security and elegance of her accommodations and equipment. Her capacity for carrying freight is large, and the reputation of the boat for secure transmission and prompt delivery is No. 1. The St. Lawrence is the successor of those popular and well known boats, R. R. Hudson and Hudson, and is officered by the same gentlemen who so ably managed those steamers.

DR. M. J. RHEES.

Homœopathist, No. 56 14th Street.

There is no profession or pursuit in life that exacts the same patient wearying and self-sacrificing service as the medical profession. None in which the nobler quali-

ties of head and heart are so frequently called upon. It is a profession requiring the most careful preparation and most profound study and research, and there can be no more noble calling or none affording a better field for exercising judgment and skill. The subject of the present sketch, Dr. M. A. Rhees, is a native of Philadelphia. He was thoroughly educated in the best schools in his native city. Choosing the medical profession as his avocation in life, the Doctor received a complete education in the Allopathic school, graduating in March, 1816, at the Jefferson Medical College, Philadelphia. The Doctor became a convert after severe study and research, to the doctrine of Hahneman, and studied this system under the preceptorship of Dr. Geo. H. Bute, the first physician who practiced Homoeopathy in Philadelphia. He commenced the practice of Homoeopathic Medicine in Mount Holly, N. J., a short distance from Philadelphia. After many years of large and laborious practice, he retired and turned his attention to farming. Feeling himself out of place and growing restless from this conviction he returned to the practice of his profession, locating himself in Newtonville Mass. Looking out for a more extended sphere of usefulness, and with the hope of gaining a more lucrative practice, and recognizing the claims of the growing West, he selected Wheeling as his new location, coming here in January, 1879, succeeding Dr. C. C. Ohmstead. From letters which have fallen under the observation of the writer, Dr. Rhees has certainly enjoyed the friendship and esteem of some of the most eminent men in the profession in Philadelphia, Boston and other cities. He has been a frequent, and judging from the flattering remarks of brother physicians which we have seen and read, a valued contributor to the Homoeopathic Medical Journals. The American Institute of Homoeopathy was organized in 1841. In 1846 Dr. Rhees became a member, and in the same year exerted himself to induce the Homoeopathic physicians of New Jersey to organize the New Jersey Branch of the American Institute of Homoeopathy, of which he was the first secretary and a delegate to the American Institute in 1847, at its meeting in Boston. He wrote a paper on *Materia Medica* in 1853, which brought him into prominence before the American Institute, and the next year he was appointed a member of the Central Bureau of *Materia Medica* in that body, which position he held for several years. He is now one of the senior members of the American Institute, who by reason of 25 years or more of continuous membership, enjoy all the privileges and advantages of the Institute without being obliged to pay annual dues. A close student and observer, he has always kept pace with the times. Every new discovery in science meets prompt investigation at his hands, being quick to recognize and avail himself of everything possessing merit, and to discard the worthless. A perusal of several articles from his pen in the *New England Medical Gazette*, of Boston, indicate a familiarity with and knowledge of his profession, which can only be acquired by years of close study and application.

D. WAGENER.

Manufacturer of Wrapping, Roofing, Print, Glass and Carpet Paper, Building Paper a Specialty. Nos. 1503 Main Street and 1506 South Street

Among the manufacturing interests and business enterprises of Wheeling and vicinity, we cannot fail to make liberal mention of the paper manufacturing industry. Prominent among the business houses of this section we class that of David Wagener, whose reputation for the different grades of paper manufactured at his establishment, extends over the whole country. His business is conducted in the most able and enterprising manner, and he presents to the trade articles thoroughly and practically adapted to the uses for which they are made. The manufactory or mill is situated in West Wheeling, Belmont county, Ohio. It is a building especially fitted up for the business, supplied with all modern machinery and appliances of the most approved designs. It is a two story brick, 40 by 75 feet, with all necessary out buildings and adjuncts, the whole occupying one acre of ground. He employs in the prosecution of his business, twenty-five hands, all experienced, first-class mechanics, and personally superintends his business. For supplying the necessary power the mill is provided with two engines, one of 120 and one of 60 horse power; two double flued boilers, 12 inches in diameter, and 26 feet long. Mr. Wagener is the sole proprietor, and J. E. Faris, book-keeper. The warehouse in which the office is situated is on Main street, the principal business thoroughfare of the city. It is a three story building, 28 by 144 feet. Mr. Wagener manufactures all styles and kinds of paper, making a specialty of building paper, for which he has labored long and obtained an enviable reputation. His trade extends all over the country. He

was born October 10, 1827, in Chambersburg, Franklin county, Pennsylvania. He is eminently a self-made man, his opportunities for acquiring an education being limited. In 1842 he started West, and came to a stand still at Bridgeport, Belmont county, Ohio, almost destitute of money and friends. Not afraid of honest toil, he took hold with pluck and energy, soon acquiring friends and money, by industry and integrity. In the spring of 1843 he and his brother built a Paper Mill in West Wheeling. His brother dying in 1848, Mr. Wagener assumed entire charge of the mill, settling up the old business. He acquired an interest in the Wheeling mills, which he disposed of in the fall of 1856, and accepted the position of Deputy Sheriff of Belmont county, which position he held for two years. Before retiring from office he purchased the West Wheeling Paper Mill, and has since been actively engaged in this important manufacture. He has certainly been one of the most successful business men in Eastern Ohio. While hard times and bad management have embarrassed others, and closed up rival mills, his works have continued in active operation and never a dollar of his paper has gone to protest. His ability and business capacity gained him the confidence and respect of the community, and as a natural consequence positions of honor and trust were thrust upon him. In 1877 he was nominated and elected to the State Senate of Ohio, which position he filled with marked ability.

J. H. HOBBS, BROCKUNIER & CO.,

Manufacturers and Dealers in all kinds of Glass Ware, Porcelain Ware, Lamps and Glass Chandeliers.

This is one of the most famous works in the United States. These gentlemen are the proprietors of a Glass Manufactory that had an existence on quite a limited scale nearly 50 years ago. It now occupies five acres of ground. The works have twelve departments, in which are employed 350 hands, who receive in the aggregate \$12,000.00 per month. It is now one of the largest in the country, but when the proprietors complete the Gas Furnace which they are now having erected, it will be the most extensive works of the kind in the Union. The members of the firm are Messrs. Jno. L. Hobbs, John H. Hobbs, Chas. W. Brockunier and Wm. Leighton, Jr. They have a vast amount of capital employed, and do a business of \$300,000.00 annually. Pretty much every article that enters into a general glass trade is manufactured at this extensive and celebrated Glass Factory. In Cut and Engraved Goods the workmanship will compare with anything of the kind made in either the United States or Europe. They have invented, perfected and patented an ingenious piece of mechanism, which is known by the name of "Hobb's Patent Glass Chandelier." It is for the purpose of burning Gas. A minute description of it would be impossible, but the main features of it are easily described. Take a gas pendant with any number of burners, say six. Imagine the pendant and all of its projections at its base, entirely covered with profusely ornamented glass, up to very nearly the mouth of the burners, and the whole arrangement from the top where the connection at the ceiling is made, enriched at intervals from thence down to the burners with elaborately designed ornaments in glass, and the whole presenting one of the most artistic exhibitions of ingenuity and splendid mechanism, conceive this, and you have a fair outline of this beautiful achievement of genius. Jno. H. Hobbs, Esq., is the inventor of it. This firm makes a speciality of this Chandelier, also Epergnes and all kinds of Cut and Engraved goods. Their trade extends almost world-wide. They manufacture and send goods to all parts of the Union, to Canada to the empires of Brazil, Germany, Russia and even to Persia. When they got their Gas Furnace into operation, and thereby extend their capacity, there will be no limit to their trade, nor what additional direction it will penetrate, as their wares are in great demand. It may not be amiss to add the following by way of addenda to the foregoing. Mr. J. B. Barnes and John L. Hobbs in 1815, when Wheeling was only about two-fifths of its present size, purchased what existed of these works at that day. They put quite a heavy capital in the business, improved and made additions to the works and commenced manufacturing under the firm name of Barnes & Hobbs & Co., and made money. Sometime after that Mr. Barnes died, and his son succeeded him in the firm, which became then Hobbs, Barnes & Co. This firm also realized handsomely out of the business. Many years ago however, Mr. Barnes withdrew, and the firm was changed again. Mr. Jno. H. Hobbs, who had previously been a silent partner, then became a prominent one in it. During these changes the establishment was enlarged from time to time until it became the extensive flourishing Glass Works that it is to-day. Its career has been one uninterrupted success for the last 35 years.

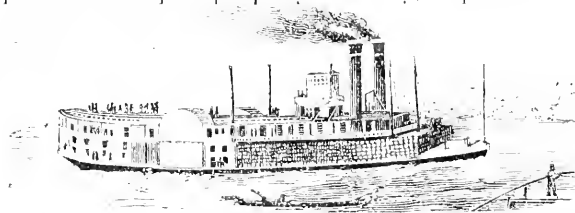
WHEELING, PARKERSBURG AND CINCINNATI TRANSPORTATION COMPANY.

C. H. Booth, President and Manager.

F. B. Booth, Secretary

Office, corner Twelfth and Water Streets.

There is, perhaps, nothing associated with the growth and development of enterprises and consequent prosperity of this city, of paramount importance to our river and commercial interests, than this reliable Transportation Company and their line of staunchly built and splendidly equipped steamers.



This is one of the pioneer institutions of Wheeling, dating away back to 1815, when Captains John McLane, John Reed and J. H. Roberts bought the Arrowline from the Brownsville Slackwater Navigation Company, and inaugurated the business. Captain John Reed was Master, Captain Roberts, Clerk; George Hardesty, Pilot; and Billy Morrison, Engineer. Those were the good old days, before the railroads startled the world with the idea of quick transportation—two trips per week being the maximum running. The next boat bought from the same Pittsburgh parties and put in this trade, was the Allegheny Clipper. She was succeeded by the Courier. Many changes have occurred since those days, and many of the parties have been long since numbered with the dead. The business now transacted by the Company would be a matter of astonishment and incredulity to those old veterans, so great has been its increase, and so important has this trade become. The first round trip made by the Arrowline, the receipts were fifteen dollars, and this was not considered discouraging. Now the ordinary receipts of any boat of this line will run far up in the hundreds. The present Company consists of Messrs. C. H. Booth, Chas. Muhleman, Frank B. Booth, J. G. Muhleman, E. K. Booth, Alex. Voegtly, J. M. Gamble and Jas. Stephens, with Capt. C. H. Booth, President, Superintendent and Treasurer, and Frank B. Booth, Secretary. Under the present efficient management, and with such experienced and able officers, manager and agents the business has increased, and the importance of the line to the city and river towns is incalculable. The Company own four steamboats, all speedy, well built and handsomely equipped and furnished. The machinery is of the best description and all appliances and appurtenances for the security and comfort of passengers first class. It is really wonderful in boating season, to see the vast amount of freight brought here and carried to other points from here by these boats. This trade is an important factor in the commercial prosperity of Wheeling, and has contributed no little to her reputation as a business center. We give, for the convenience of the public, the names of the boats owned by this Company, with the dates of their departure and arrival:

Steamer "Courier" leaves Wheeling for Parkersburg every Monday, Wednesday and Friday, at 10:30 o'clock a. m. Returning, leaves Parkersburg for Wheeling every Tuesday, Thursday and Saturday, at 5:00 o'clock a. m.

Steamer "Dinnial" leaves Parkersburg for Wheeling every Monday, Wednesday and Friday, at 5:00 o'clock a. m. And returning, leaves Wheeling for Parkersburg every Tuesday, Thursday and Saturday, at 10:30 o'clock a. m.

Steamer "Mollie Regon" leaves Matamoras for Wheeling every Monday, Wednesday and Friday, at 6:00 o'clock a. m. And returning, leaves Wheeling for Matamoras every Tuesday, Thursday and Saturday, at 1:00 o'clock p. m.

WILLIAM GRAHAM,

Wholesale and Retail Dealer in Furniture, Carpets, Oil Cloths, Upholstering, and Undertaker, No. 1144 Main Street.

This is the oldest and one of the largest Furniture stores in the city. It was started by James W. Robb about a half a century ago. The house is 22 feet front by 128 ft. in length, and the rear part of the building is four stories high. We were shown

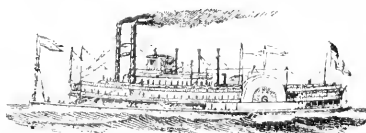
through the establishment, and found it to be well stocked from top to bottom, with a full assortment of all the elegancies and useful articles pertaining to the trade. This house is provided with an elevator from floor to floor. This is a great convenience to both buyer and seller. Mr. Graham, from an humble beginning, rose to his present eminence as a merchant by nothing but what every man possesses, and can put to good account if he be so disposed, and that one thing is—an ability to endeavor to please the customer when waiting on him. Although goods are generally sold and bought because they are thought to be worth the money, yet there are some merchants who do not fully appreciate the full power of politeness as a lever in the sometimes difficult task of selling goods, when they are engaged in the same. This valuable qualification Mr. Graham has in its best phase: he never suffers himself to get out of humor with his customers. We will conclude by saying that his stock is one of the most elegant and extensive in the city, and that he is the very soul of honor in all his dealings with customers, and his assistants are notably imbued with the same.

WHEELING AND SISTERSVILLE DAILY PACKET, 'PHAETON.'

Wm. Dillon, Master.

W. F. B. Dillon, Clerk

This staunch and trim steamboat was built expressly for this trade, and the purpose of her builders—to build a boat that would be speedy enough to accomplish her trip in daylight—has been a perfect success, the Phaeton regularly making her trip of one



hundred miles in daylight. She is conveniently fitted up and furnished, and everything that could conduce to the comfort of passengers has been adopted. Her machinery is first-class in every particular, and her officers courteous and obliging gentlemen, leaving nothing undone for the pleasure and satisfac-

tion of patrons. Captain Dillon is a veteran steamboatman, beginning the business in 1833. In 1847 he commanded the Picayune; in 1850 he built the S. B. Orion; in 1852, the Osprey and Orb; in 1856, the Lotus; in 1858, the Morning Light; in 1876, in connection with Capt. John McLure, the Phaeton. In 1847 he commanded the Miner, which towed the stone used in the construction of the Suspension Bridge. The Phaeton is one of the safest crafts running, being provided with a balance slide valve, now in use on the steamers Diurnal, C. W. Hornbrook, and also in several of the rolling mills in the city. Captain Dillon was born in Guernsey county, Ohio, December 10, 1817, and came to Wheeling in April, 1829. He has built up a prosperous and growing trade, and commands the respect and good will of his compeers and the public generally. No more genial, good natured and accommodating man lives than Captain Dillon, and we take pleasure in commending him and his fleet boat to the public.

DR. GEO. W. KELLY.

Office No. 38 Sixteenth Street.

Of all pursuits in life, whether professional or commercial, there are none requiring so much labor, such continuous study and thorough research as that of the physician. Dr. Kelly, the subject of this sketch, has had the advantage of years of study and experience, qualifying him in an eminent degree for the practice of the medical profession. Not being blessed with an abundance of worldly goods, it was necessary for the Doctor to apply himself to some calling to support himself whilst pursuing his medical studies. Being qualified by a thorough education to the profession, he practiced Dentistry for some ten years. During this time, he studied the Allopathic system of medicine under the preceptorship of Drs. John and James Kelly, who have achieved a high reputation for the successful practice of medicine. Dr. Kelly has been practicing with unvarying success for the last fifteen years, and during that time has accomplished some remarkable cures. The Doctor reasons that all physical derangements and disabilities arise from two chief causes—loss of mechanical equilibrium or poison in the circulating system. Taking these as the fundamental causes of disease, he argues that a removal of them will, in most cases, effect relief. Dr. Kelly has acquired quite a reputation in this city and vicinity for the successful treatment of chronic diseases, and has numerous testimonials of his success. He pays particular attention to such serious diseases as Heart Disease, Lung Diseases, Liver Complaint, Rheumatism, Scrofula and Dyspepsia. In the treatment of these diseases Dr. Kelly has had the most unqualified success. He has won the respect and confidence of the entire community, by his honorable deportment and high attainments as a physician.

OHIO VALLEY AGRICULTURAL WORKS.

Martin's Ferry, Belmont County, Ohio.

L. SPENCE, manufacturer of Stationary and Portable Steam Engines; also RALSTON'S THRESHING MACHINES; Pitts' Patent Thresher, and a full line of other Agricultural implements. This extensive and widely celebrated establishment was started in 1859 on quite a moderate capital; the business, however, increased so rapidly from year to year since that, that it has now become one of the largest and most comprehensive enterprises in the country. The annual sales of this manufactory amount to an almost fabulous sum—as all work turned out by the proprietor is of superior merit, both in design and excellence of finish. The Works comprise four departments, and occupy about a half of a full square of ground lots. About forty hands are employed, to whom is paid the most liberal wages. Since the Improved Threshing Machines have been introduced, quite wonderful changes have taken place in the agricultural interests of the nation. At present a machine of the kind alluded to, will do in one day, the same amount of work that it formerly required the services of scores of field hands to do—unassisted by the appliances of modern invention. Very few are there, if any, that will compare with the celebrated agricultural implements manufactured by Mr. Spence. The trade of the proprietor in this line of goods may be said to have little limit to it, as he ships such wares all over the United States, and many of them to foreign markets. These implements are beautiful specimens of workmanship and elaborate finish.

It is very desirable for farmers, when about to purchase a Threshing Machine, to know whether it contains all the necessary qualifications of a good Machine—whether it is a good and rapid Thresher; whether it separates the grain well from the straw; whether it cleans the grain well; whether light of draft on horses, and if made from good, well seasoned lumber; simple in all its parts, and not liable to break and get out of order. If satisfied that a Machine contains all of these qualities, then it should be preferred to all others.

The manufacturer claims all the above qualifications; and his customers, and all who have seen his Machines in operation, say that they are better constructed, run the lightest, contain more good improvements, and are nearer perfection than any other Machine; that they will clean the grain well, and as fast as threshed; that the riddles will not choke up; that, when the wind-gauge, dampers and the pitch of the riddles, together with the stirrer at the tail of the shoe, are all properly adjusted, the Machine will then clean the grain better and faster than anything they ever saw.

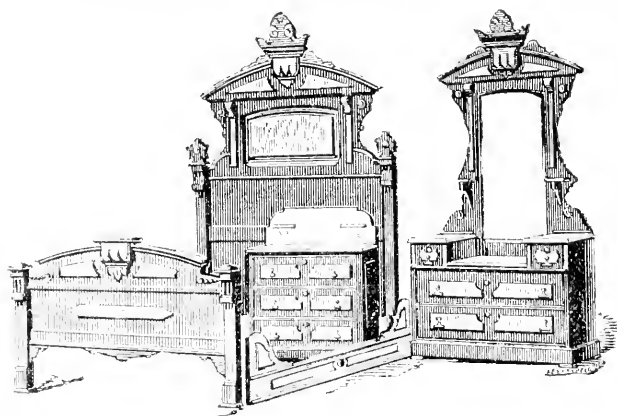
In the earlier part of our article we alluded to two kinds of Threshers—the Ralston Patent, or Double Cleaner, and the Pitt's Patent, which is known by many as the Massillon Machine. Having been in use for many years, with valuable improvements added from time to time, they have won an enviable reputation. Having said this much about only one large department—large enough in itself to be pronounced an extensive business—we shall advert to the more complicated and ponderous and comprehensive one of Steam Engine building. Engines, both Stationary and Portable, are constantly being turned out at these well equipped and powerful Works. They possess all of the powerful appliances and facilities for making engines of vast, and so to speak, comparatively unlimited power. Reference could here be made to numbers of celebrated engines which the shops of Mr. Spence have turned out. Suffice it for our purpose, to refer to the very large and powerful engines that the proprietor made for the "BELMONT IRON WORKS" of Wheeling—one of vast and unusual power, and which has been pronounced to be one of the most workmanlike jobs in the country.

This vast concern is conducted with energy, tact, enterprise, and a very large capital. In its more comprehensive features, and in those of minor detail, it is managed with the most consummate judgment by the proprietor, and moves along successfully, with all the regularity of the sun in its diurnal revolutions.

RIVERSIDE FURNITURE COMPANY.

Metzner, Schellhase & Co., Proprietors, Water Street, between Twenty-first and Twenty-second Streets.

In a careful review of the inception, growth and extent of the manufacturing and commercial enterprises of Wheeling, for which this work is designed, we find none



that have risen more rapidly in the march of progress towards perfection and importance than the manufacture of Furniture. From an almost contracted place in the list of industries, but a few years ago, it has become one of the most prominent and widely patronized branches, that help to swell the great variety of manufactured articles, sent out

by Wheeling to the markets of the world, and which have given her such prestige as a manufacturing center. Of the many enterprises contributing to this fame, there is, perhaps, no one single house that has, by its evidences of practical, skilled work, done more in bringing about this gratifying result, than the establishment whose name heads this article. The proprietors started this business in 1878, in a very large five-story building, occupying an area of four lots of ground. Their capacity for manufacturing Furniture—especially Bed-room, Dining-room and Kitchen Furniture—is probably as great as any establishment in the same line in this section. When running full, a force of 100 hands is required, to whom a heavy amount is paid weekly, commensurate with the employment of so great a force. The capital invested is quite large—entirely adequate for a concern conducted on so large a scale as this must be inferred to be—judging from the large force of employees. The factory is situated on Water street, convenient to both railroad and river, their facilities for shipping being remarkably good. The factory is supplied with an engine of 100 horse-power, and two large boilers. We are assured that this establishment is equal to any in this part of the country, and provided with the largest and latest styles of machinery. The employees are all picked men—expert at their trade. The proprietors give personal supervision to their business. They are both natives of Germany, and both practical mechanics with years of experience, which is the best teacher in any trade, when profitably taken advantage of. The management of their increasing business is systematic and comprehensive. Tact and energy, and enterprise are characteristic of this firm and have given them an enviable position and reputation in commercial circles. One of the gentlemen of this firm was for five years President of the Wheeling Furniture Company. Conducting their business on so large a scale enables them to supply the trade of the city and surrounding country, at either Eastern or Cincinnati prices. They are pleased at any time to open correspondence with dealers in this line, and furnish complete and detailed price lists on application, with a view to the further extension of their already heavy trade. Business houses will find it to their

advantage to deal with this firm, as all regular styles and all novelties and new designs are manufactured by them. The firm, as a firm, stand to day among the very first in their line, with a reputation for strict integrity in business transactions and for turning out first-class work at minimum prices.

BELMONT NAIL COMPANY.

Office at Works, corner Main and Twenty-sixth Streets.

A detailed examination, prepared with a view of giving a careful review and comprehensive description of the various enterprises of a manufacturing character, which have given Wheeling the celebrity that she enjoys, would be incomplete without reference to this representative establishment, which has, for the last quarter of a century, exerted a powerful and vital influence upon the prosperity of the city. This mill was established in 1849 by a co-partnership effected between the Norton brothers, Henry Moore (now of Baltimore), S. H. Woodward, Wm. Bailey and some others, under the firm name of Norton, Bailey & Co. This plant was regarded at that time as no insignificant affair; but in comparison with the extensive works now occupying the same site, must have approached insignificance. After a lapse of some years, Messrs. Woodward, Bailey and others retired from the Belmont and erected the La Belle Mill—the style of the firm then being changed to Norton, Acheson & Co. The Norton brothers, after another period, also retired and built the Belfont Mill at Ironton, Ohio, the firm name being again changed to McCulloch, Acheson & Co., Mr. McCulloch, of Pittsburgh, becoming a member. Mr. McCulloch retiring, the style was again altered to Robert Lehr & Co. In 1868 the mill was incorporated under the style of the Belmont Nail Works Co. This corporation devoted themselves, with unusual talent and vigor, to the work of increasing their business resources and facilities, enlarging at a rapid ratio—keeping pace with all improvements suggested by inventive skill or experience. In 1873 they erected, on a piece of ground contiguous to their works, a Blast Furnace of the most improved design and appliances. This furnace was built after plans furnished by William Tait, who also built the Top Mill Furnace of this city, and the Lucy of Pittsburgh. The Belmont Furnace is 16 feet high and 65 feet high, with 2 hot stoves, 1 engine and 66 c. under boilers, 18 in. diameter and 6 feet long. The hoist is of the famous Otis & Co. patent; her out-put is about 18,000 tons per year. The close and stringent times following the panic threw this corporation into difficulties, and during 1878 they were obliged to succumb—the concern passing into the hands of the present corporation, which is composed of some of the wealthiest and most influential business men of the city. These works cover an area of about five acres, having a frontage on the river of about 600 feet. Within these limits are the Forge Department, Nail Factory, Blast Furnace and necessary adjuncts and out-buildings. The Works are supplied by waterworks belonging to the concern, constructed in 1874. Here are employed 600 men in the various departments, in operating the machinery, which is most complete in every respect—consisting in part of 4 trains of Rolls, 25 Boiling Furnaces, 111 Nail and Spike Machines, 2 Bluing Furnaces, 1 Heating Furnace, 1 Steam Engines with 11 Boilers, and all other appliances appertaining to a plant of this capacity. This plant has an annual productive capacity of 260,000 kegs of nails. The corporation own 100 acres of coal, which is brought to the Mill by a tram-way—the bank being but a short distance from the Mill. Wherever nails are sold and used the name of the Belmont has extended and always commanded a reputation in the front rank. Her product is sold all over the country; the principal distributing points are St. Louis, Chicago, Cincinnati, New Orleans, San Francisco, Kansas City, and at times New York and Baltimore, with a heavy trade in interior cities. The Directors are: A. Wilson Kelly, John Reid, Sam'l Laughlin, A. Wilson, R. M. Delaphain, Thos. O'Brien and James Todd—all gentlemen of large interests in various enterprises in the city, and of the highest commercial and social standing. The present corps of officers of the corporation are: A. W. Kelly, President; Jos. D. DuBois, Secretary; A. Wilson, Jr., Bookkeeper; W. D. Cushing, Pay-Clerk; N. Reister, General Manager; Frank Kline, Forge Manager; S. Whitesides, Factory Manager; John Norton, Founder at the Furnace. The capital stock is \$330,000; shares, \$200 each. The business per annum is quite \$1,000,000.

ROBERT LUKE.

Livery, Boarding and Sale Stables, corner Alley 12 and Market Street.

This well known and popular Livery Stable was started originally in 1852, by the present proprietor, on a somewhat smaller scale than the present extensive establishment. The stable of Mr. Luke is one of the most commodious, convenient and cleanly establishments of the kind in the State of West Virginia. They are quite large and are admirably contrived for the comfort of that noblest and most useful of animals—the horse; being well ventilated with pure air, and provided with the best of food and pure water—things not always to be had in some livery stables. A large force of skillful subordinates are employed, night and day, to attend to the premises, even in its most trifling details. The proprietor himself personally attends to the effective management of this well equipped and systematic establishment. No person, in either the city or State, has a more thorough knowledge of how to keep a Livery Stable or please customers in furnishing Turn-Outs for public or private parties or individuals, than has Mr. Luke. If a quiet horse is wanted, just such a horse will be given you. If one is wanted possessing a higher spirit, you can have it without having one that will play any of those devilish tricks that many spirited horses are apt to play on the unsuspecting driver. Mr. Luke, however, keeps some of the most rapid “goers” that are to be found in the city, and is noted for the handsome and stylish Vehicles of all kinds, that he always keeps in stock, inclusive of splendid Sleighs for the winter season. When a horse becomes somewhat worn with long service, the proprietor immediately disposes of him and obtains a first class horse in his stead; in this manner he is always provided with a full corps of first class horse stock, and never offers a customer an “old hack” of an animal, as is too often the case with some Livery Stable proprietors.

KELLY & ROBERTS.

Druggists and Pharmacists, 1109 Market Street.

There is probably no more important field for the chronicler of the interests and advantages of a city, than that presented by the Drug trade—for there can be no profession requiring greater skill, more patient, laborious preparation, and such watchful care. Not only is the condition and well being, even sometimes the life, of the patient dependent on the proper compounding of the prescription by the Druggist, but the reputation of the physician prescribing, also. The house which is the subject of the present sketch has been established for some ten years. Mr. T. F. Sullivan, the founder of the house, by his skill, admirably arranged store and complete stock, built up quite a handsome business. Desiring to change his business, he sold out in October, 1879, to Messrs. Kelly & Roberts, gentlemen who possess every necessary qualification for carrying on the business. Messrs. G. M. Kelly and J. W. Roberts compose the firm. Both of these gentlemen are from Washington, Pa. Dr. Kelly is a graduate of Jefferson College, Philadelphia, and a regular practitioner of the allopathic school. He has had unusual facilities for gaining experience, having been resident physician at the Mercy Hospital in Pittsburgh; and whilst there he had all the advantages that could be gained from the diagnoses and practice of Dr. Dixon and others; besides being from his position obliged to watch carefully the prescriptions compounded in the Hospital Pharmacy, where all the medicines for the use of the patients are prepared. Mr. Roberts has had five years experience in the business in Washington, and brings a first-class reputation with him. These gentlemen, we are assured, are in every way competent for their business, and we take pleasure in commending them to the public. Their stock is complete and of the very first quality—comprising all articles usually kept in a first-class establishment. A full line of Drugs and Chemicals, Patent Medicines, Perfumery, Toilet Articles, Brushes, Fancy Goods and Druggists Sundries generally. We are confident that this enterprising firm will gain the confidence of Physicians and the public generally. They are both courteous and obliging gentlemen.



G. MENDEL & CO.

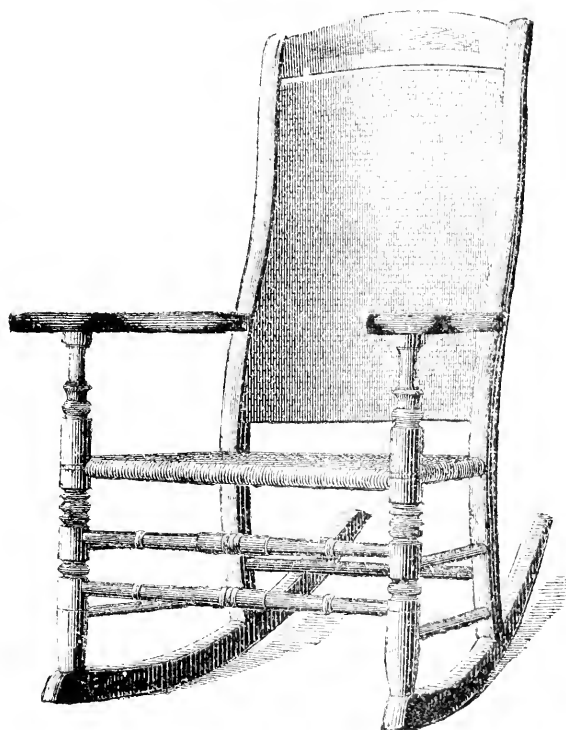
THE PEOPLE'S

FURNITURE AND CARPET HOUSE,

No. 1124 Main Street.

WHEELING, W. VA.

Double Cane Seat



Chairs and Rockers.

To the Trade.

Our stock comprises all the Latest Novelties and New Designing in all departments, and can only be appreciated by seeing them. Come one, come all, whether to purchase or not; you will be waited on the same. Our object is to please those that call to see, regardless of selling.



Ship your Goods to and from Pittsburgh,
BY THE
PITTSBURGH SOUTHERN RAILWAY,
The Most Direct Route.

The Pittsburgh Southern, by its connections with the Baltimore and Ohio R. R. at Washington, Pa., affords to Wheeling Merchants and Manufacturers, the

SHORTEST AND MOST DIRECT

Communication with Pittsburgh.

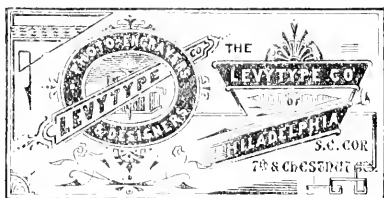
OFFICERS.

JAMES H. HOPKINS, *Pres.*
JNO. L. GEORGE, *Sec'y.*

M. D. HAYS, *Superintendent.*
I. W. MITCHELL, *Gen. Frgt. & Pass. Agt.*

THE LEVYTYPE CO.
OF PHILADELPHIA.

Would respectfully call the attention of all desiring



Engravings and Illustrations

Of any kind, to their facilities for the execution of artistic and accurate printing plates from photographs, models, drawings, sketches, etc.

These plates are produced DIRECTLY in hard type metal, mounted ready for the press.

Send stamp for specimen, estimates, etc.

LEVYTYPE CO.,
Photo-Engravers,

S. E. cor. 7th & Chestnut Sts., Philad'a.

Bear Ye One Another's Burdens.

THE TERM
MUTUAL AID ASSOCIATION

CF
COLUMBUS, OHIO.

Incorporated May, 1870, under the laws of Ohio, with a charter that is perpetual.

PRINCIPAL OFFICE:

Huntington Block, Corner Broad and High Streets, Columbus, Ohio.

OFFICERS:

R. H. DENNY, President, Columbus, Ohio.
A. KETH, Vice President, Logan, Ohio.
CHAS. H. TOWSON, Secretary and Treasurer, Lancaster, Ohio.
R. W. CALDWELL, Assistant Secretary, Columbus, Ohio.
JOHN D. NOTTSE, M. D., Medical Director, Lancaster, Ohio.
A. G. RICHARDS, Actuary, Columbus, Ohio.

RELIABILITY.

As an evidence that this class of insurance is reliable, it is only necessary to state that the principles upon which this Association is founded are as old as history. They have been used in various forms in almost every branch of business and society, and have afforded substantial relief and aid to the families of deceased members to a greater extent than any other mode of insurance. The fact that the funds are held by the members themselves until actually needed, and are then paid out only on the most positive proofs and under the strictest rules, is the best assurance that its affairs must be properly and carefully managed, and that the officers cannot perpetrate fraud without detection.

There are in England alone more members of Associations of this kind than there are policy-holders in all the high rate companies in the entire Continent of Europe.

DR. J. W. RICKEY & CO.,
General Managers for Pennsylvania and West Virginia,
96 Diamond Street, Pittsburgh, Pa.

J. N. SIGHTS, Agent, Wheeling, W. Va.

A. J. STILLWAGEN, Agent, Claysville, Pa.

NOTE.—We have looked over a large number of references of the principal citizens of Wheeling and vicinity and have examined into the workings of the Company and can cordially recommend it to the public as reliable and trustworthy.

LAND & BROWN, Publishers Industries of Wheeling.

WILLIAM GRAHAM,

WHOLESALE AND RETAIL DEALER IN

CARPETS, FURNITURE, OIL CLOTHS, WINDOW SHADES, &c.

No. 1144 Main Street,

WHEELING, W. VA.

Has one of the Largest and most Elegant stocks in the city or State.

See page 137.

Liberal Advancement made on Consignments.
C. H. BOOTH.

F. B. BOOTH.

C. H. BOOTH & SON,
PRODUCE COMMISSION MERCHANTS,

CORNER TWELFTH AND WATER STS.,

WHEELING, W. VA.

Proprietors of the "Old Reliable Wharf Boat"
John Crockett, Manager.

See page 130

Built Expressly for this Trade.

Elegant Daylight, Side-wheel Passenger Packet,

Phæton.

WILLIAM DILLON, Master.

W. F. B. DILLON, Clerk.

Leaves Sistersville every morning (Sundays excepted), at 5 o'clock, arriving at Wheeling at 12 M. Returning leaves Wheeling at 3 P. M., arriving at Sistersville at 8 P. M.

100 Miles in Daylight.

See page 138.

ÆTNA

Life Insurance Com'ry

Of Hartford, Conn.

ALL POLICIES NON-FORFEITING.

Assets, \$25,000,000.

A. H. BEACH,

General Agent, 1303, Market St., Wheeling.

GERMAN FIRE INS. CO., F. REISTER,
Proprietors. Manager.

OPERA HOUSE,

— OF —

Wheeling, W. Va.

THE ONLY FIRST CLASS PLACE

FOR AMUSEMENTS.

Provided with all modern improvements.

e

Wheeling, Pittsburgh & Cincinnati
Transportation Company.

STEAMERS

DIURNAL, COURIER & MALLIE RAGON.

DIURNAL leaves for Parkersburg every Tuesday, Thursday and Saturday, at 10½ A. M.

COURIER leaves for Parkersburg every Monday, Wednesday, and Friday, at 10½ A. M.

MALLIE RAGON leaves for Matamoras every Tuesday, Thursday and Saturday, at 1 P. M.

See page 137.

C. H. BOOTH, Prest.

N. A. HALDEMAN.

(Successor to Chandler & Haldeman.)

MANUFACTURER OF

**Smith, Haldeman & Chandler's
Combined Cap and Anchor
Iron Roofing,**

Patented May 9th, 1876

See page —.

ROBERT LUKE,

Livery and Boarding Stables,

No. 1430 Market St.,

Near Post Office,

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Crystal Ice always on hand and for sale.

See page 142

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Fine Cigars, Tips and Stogies,

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Built and Equipped Expressly for the Trade.
Regular Cincinnati, Wheeling and Pittsburgh Packet.
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ANDES,

CHAS. MUHLEMAN, Master. ED. MUHLEMAN, Clerk
 Leaves Wheeling every Tuesday at 3 o'clk. P. M. | Leaves Cincinnati every Friday at 5 o'clk. P. M.
 Leaves promptly as advertised. See page 125.

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Riverside Furniture Factory,
 WATER STREET, BETWEEN 21st & 22d.
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427 Furniture of all kinds constantly on hand.
 Price Lists furnished on application. See page 116.

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 Manufacturers of

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 And Dealers in
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 Manufacturers & Dealers in
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 Branch House, 3305 Jacob Street, Eighth Ward
 Undertaking a Specialty.
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 Homeopathist,
 56 Fourteenth Street,
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Particular attention given to diseases of Women
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 Office hours, 8 to 10 A. M., and 2 to 4 P. M.,
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 Wholesale and Retail Dealer in
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 Best Goods at Bottom Prices.

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EXCELSIOR MACHINE SHOP.
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GENERAL MACHINISTS,

AND MANUFACTURERS OF
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Best Work. Lowest Prices.
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 Manufacturers of and Dealers in
FURNITURE.
 Reupholstering, Repairing and Varnishing,
 Promptly and Neatly done.
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All Orders promptly attended to. See page 71.

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WROUGHT IRON GARDEN RAKES,

SPECIALTIES OF COAL AND OTHER MINERS' TOOLS,

ALSO, ALL KINDS OF STONE MASONS' TOOLS,

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Ohio City Planing Mill,

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Dealer in

DRY GOODS, NOTIONS & FANCY GOODS

OF EVERY KIND.

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See page 121.

James Kerr.

Alex. G. Campbell.

J. KERR & CO.'S

STAR PLANING MILLS,

AND LUMBER YARD,

Corner First and Hanover Streets,

MARTIN'S FERRY, O.

We keep constantly on hand a supply of Lumber and building Materials of all kinds.

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STATIONARY AND PORTABLE

STEAM ENGINES,

Ralston's Improved Separator Thresher and Cleaner. Also, Pitt's Patent Improved Threshing Machine.

MARTIN'S FERRY, BELMONT CO, O.

See page 139.

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J. T. Baggs.

A. J. Baggs.

R. J. BAGGS & SONS,

National Planing Mills

BRIDGEPORT, O.

See page 129.

Thos. H. Lewis.

Boose Clemens.

METROPOLITAN

SHAVING AND BATHING PARLORS.

No. 5, Washington Hall,

WHEELING, W. VA.

LEWIS & CLEMENS, Proprietors,

First class Barbers. New fixtures throughout.

New Bath Rooms, that will always be clean.

Outside orders promptly attended to.

Page 106.

Built and Equipped Expressly for the Trade.

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ST. LAWRENCE,

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BUILDING PAPER A SPECIALTY.

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NO. 1205 CHAPLINE ST.,

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WHEELING, W. VA.

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Where shall we go to get a clean bath or shave, and have our hair or whiskers neatly trimmed? The place is the O. K. Saloon, under the new McLure House. Whiskers dyed in the most approved style. Capable and polite Barbers always in attendance.

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WM. H. ROBINSON, Dealer in PAINTS, OILS, AND VARNISHES.

SASH, DOORS AND BLINDS,
Artists' and Painters' Materials.

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D. Rosenberg & Son's Standard Varnishes; Felton, Rau & Sibley's Pure Tinted Leads, Belgian Fillers, Liquid Slating, &c. Jno. L. Whiting's Patent Paint Brushes; the best Brush in the market. Everything in the Paint line usually kept in a first-class Paint House. Sash and Doors made to order.

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1223 Main Street, Wheeling, W. Va.

See page 58.

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Teas,

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Spices,

Syrups,

Sugars,

Canned Goods,

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Fish,

and Tobaccos.



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Fresh

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WHEELING W. VA

See page 59.

Shirts Made to Order

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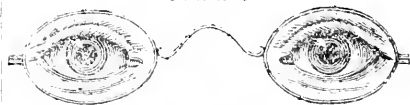
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Don't fail to see the miniature steam engine in the window—my own make.

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Substantiated by Affidavit

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Special Attention Paid to Consignments on Commission.

A share of the public patronage solicited.

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See page 64.

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W. N. LINCH.

L. C. REED & CO., Fashionable Merchant Tailors

29 Twelfth Street.

See page 60.

HARBOUR & DITTMAN,

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Carpets, Rugs, Oil Cloths, Matting, Wall Paper and Window Shades.

1059 Main Street.

See page 81.

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Washington Hall, Wheeling, W. Va.

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Sole Agent for W. Va. and Eastern Ohio for

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Pianos and Organs for Rent.

Tuning and Repairing carefully done.

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TRUNKS, VALISES, &c.

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WHEELING, W. VA.

See page 86.

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BELTZ & FLADING,

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Shutters, and all kinds of Moulding,

And dealers in Lumber, Shingles, &c.

EIGHTEENTH STREET, BET. CHAPLINE AND FOLF STREETS.

See page 89.

Wheeling, W. Va.

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Photographic Studio,

1205 MARKET STREET,

Opposite McLure House.

WHEELING, W. VA.

See page 67.

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EMPORIUM OF MUSIC AND ART.

Wholesale and Retail Dealer in

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Materials, Engravings, Chromos,

Frames and Mouldings,

ALSO, WAX FLOWER GOODS AND GLASS SHADES.

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See page 72.

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AND DEALER IN GENT'S FURNISHING GOODS

No. 27 Twelfth Street.

See page 33

THOS. HUGHES.

W. E. TRULL.

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THOS. HUGHES & CO., MERCHANT TAILORS.

AND DEALERS IN FINE FURNISHING GOODS.

CORNER TWELFTH AND WATER STS.

See page 59.

Wheeling, W. Va.

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TURNER & DILLON.

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FINE WATCH WORK A SPECIALTY

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See page 118.

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Manufacturers of

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FLOUR, APPLE, GLASS & HALF BARRELS.

Sole Owners of Dunlevy's Patent Grozing and
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and 4th Main Street.

See page 78.

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WHEELING, W. VA.

Collects Rents and Accounts, and attends
to all Branches of a general Real
Estate Business.

REMITTANCES MADE PROMPTLY

BUSINESS SOLICITED

See page 61.

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Bermin Fire Insurance Co. OF WHEELING, W. VA.

OFFICE -No. 29 Fourteenth St.—Opera House Building.

See page 36.

The North Wheeling Glass Co.

MANUFACTURERS OF

FLINT FLASKS,

WHEELING, WEST VA.

The largest establishment in the United States devoted to this specialty. Superior facilities possessed for procuring low rates of freight.

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Manufacturers of the Celebrated

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And Dealers in

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See page 114. **Wheeling, W. Va.**

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Chester Sugar Cured Hams, Chester Sugar Cured Shoulders, Virginia Breakfast Bacon,

Pure Leaf Lard.

In tierces, barrels, half-barrels, pails and half-pails.

Plain Shoulders, Mess Pork, Family Pork.

Fresh Sausage, Bologna Sausage.

See page 113. **WHEELING, W. VA.**

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WHEELING, W. VA.

See page 108.

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GEO. A. WELLS.

GEORGE BECK

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CONSIGNMENTS SOLICITED.

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Brand of Sugar Cured Meats.

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Keeps the largest stock in his line in Wheeling.

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See page 31.

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